FEMA 1.209:4sc 157/c.1/990/v.5

FLOOD INSURANCE STUDY

HARRIS COUNTY, TEXAS AND INCORPORATED AREAS

VOLUME 5 OF 8

COMMUNITY NAME	COMMUN TY NUMBER
BELLAIRE, CITY OF	480289
DEER PARK, CITY OF	480291
EL LAGO, CITY OF	485466
GALENA PARK, CITY OF	480293
HOUSTON, CITY OF	480296
HUMBLE, CITY OF	480297
HUNTERS CREEK VILLAGE, CITY OF	480298
JACINTO CITY, CITY OF	480299
JERSEY VILLAGE, CITY OF	480300
LA PORTE, CITY OF	485487
MORGANS POINT, CITY OF	480305
NASSAU BAY, CITY OF	485491
PASADENA, CITY OF	480307
PEARLAND, CITY OF	480077
PINEY POINT VILLAGE, CITY OF	480308
SHOREACRES, CITY OF	485510
SOUTH HOUSTON, CITY OF	480311
SPRING VALLEY, CITY OF	480313
TAYLOR LAKE VILLAGE, CITY OF	485513
TOMBALL, CITY OF	480315
UNINCORPORATED AREAS	480287
WEBSTER, CITY OF	485516

SEPTEMBER 28, 1990

Federal Emergency Management Agency

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision (LOMR) process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

Initial Countywide Flood Insurance Study Effective Date: September 28, 1990

Flood Insurance Study Revised:

TABLE OF CONTENTS

Table of Contents - Volume 1

		Page
1.0	INTRODUCTION	1
	1.1 Purpose of Study	1
	1.2 Authority and Acknowledgments	1
	1.3 Coordination	9
2.0	AREA STUDIED	10
	2.1 Scope of Study	10
	2.2 Community Description	24
	2.3 Principal Flood Problems	29
	2.4 Flood Protection Measures	29
3.0	ENGINEERING METHODS	29
	3.1 Hydrologic Analyses	30
	3.2 Hydraulic Analyses	79
	3.3 Coastal Analyses	87
	3.4 Effects of Land Subsidence on Flood Analyses	97
4.0	FLOODPLAIN MANAGEMENT APPLICATIONS	99
	4.1 Floodplain Boundaries	99
	4.2 Floodways	100
5.0	INSURANCE APPLICATIONS	102
6.0	FLOOD INSURANCE RATE MAP	104

Table of Contents - Volume 1 - continued

	Page
7.0 OTHER STUDIES	104
8.0 LOCATION OF DATA	109
9.0 BIBLIOGRAPHY AND REFERENCES	109

FIGURES

Figure 1 - Vicinity Map	11
Figure 2 - Map Coefficient C_1	37
Figure 3 - Map Coefficient C_2	38
Figure 4 - Drainage Area vs. Percent of the 1 Percent TP40 Rainfall	40
Figure 5 - Transect Location Map	94
Figure 6 - Land Subsidence Schematic - Riverine Flooding	98
Figure 7 - Land Subsidence Schematic - Hurricane - Tidal-Surge Flooding	99
Figure 8 - Floodway Schematic	102

TABLES

Table 1 - Scope of Study	12-21
Table 2 - Summary of Hydrologic Methods	42-51
Table 3 - Summary of Discharges	52-78
Table 3A - Summary of Reservoir Elevations	78
Table 4 - Summary of Roughness Coefficients	81-86
Table 5 - Summary of Elevations	89-92
Table 6 - Transect Data	95-96
Table 8 - Community Map History	105-108

Table of Contents - Volume 2

Table 7 - Floodway Data

Table of Contents - Volume 3

Exhibit 3 - Elevation Reference Marks

Table of Contents - Volume 4

Exhibit 1 - Flood Profiles

Clear Creek Watershed

Clear Creek (A100-00-00)	Panels A01P-A11P
Tributary 3.93 to Taylor Bayou (A104-07-00)	Panel A12P
Cow Bayou (A107-00-00)	Panel A13P
Tributary 10.08 to Clear Creek (A111-00-00)	Panels A14P-A15P
Cedar Gully (A118-00-00)	Panel A16P
Turkey Creek (A119-00-00)	Panels A17P-A18P
Tributary 0.16 to Turkey Creek (A119-02-00)	Panel A19P
Halls Road Ditch (A120-00-00)	Panels A20P-A21P
Armand Bayou (B100-00-00)	Panels B01P-B03P
Horsepen Bayou (B104-00-00)	Panels B04P-B05P
Tributary 4.51 to Horsepen Bayou (B104-04-00)	Panel B06P
Big Island Slough (B106-00-00)	Panels B07P-B08P
Spring Gully (B109-00-00)	Panel B09P
Tributary 9.39 to Armand Bayou (B111-00-00)	Panel B10P
Willow Springs Bayou (B112-00-00)	Panels B11P-B13P
Tributary 1.78 to Willow Springs Bayou (B112-02-00)	Panels B14P-B15P
Tributary B to Willow Springs Bayou	Panel B16P
Tributary 10.46 to Armand Bayou (B113-00-00)	Panel B17P
Tributary 12.18 to Armand Bayou (B115-00-00)	Panel B18P

San Jacinto River Watershed

San Jacinto River (G103-00-00)	Panels G01P-G03P
Lake Houston G103-00-00)	Panel G04P
Goose Creek (0100-00-00)	Panels 001P-003P
East Fork Goose Creek (0105-00-00)	Panels 004P-005P
Spring Gully (0200-00-00)	Panels 006P-007P
Jackson Bayou (R100-00-00)	Panels R01P-R03P
Gum Gully (R102-00-00)	Panels R04P-R05P
Tributary 2.70 to Gum Gully (R102-03-00)	Panel R06P
Tributary 3.08 to Gum Gully (R102-13-00)	Panel R07P
West Fork San Jacinto River (G103-00-00)	Panels G05P-G06P
Bens Branch (G103-33-00)	Panels G07P-G08P

Table of Contents - Volume 4 - continued

Exhibit 1 - Flood Profiles (continued)

Jordan Gully (G103-43-00)	Panels G09P
Tributary 17.7 to West Fork San Jacinto River	Panels G10P-G11P
East Fork San Jacinto River (G103-80-00)	Panels G12P-G16P
Luce Bayou (S100-00-00)	Panels S01P-S03P
Shook Gully (S110-00-00)	Panels S04P-S05P
Mexican Gully (S114-00-00)	Panel S06P
Caney Creek (G103-80-03)	Panel G17P
White Oak Creek (G103-80-03.2)	Panel G18P
Taylor Gully (G103-80-03.1)	Panel G19P
Mills Branch (G103-80-03.2A)	Panel G20P

Buffalo Bayou Watershed

Buffalo Bayou (W100-00-00)	Panels W01P-W08P
Buffalo Bayou Split Flow	Panel W08aP
Buffalo Bayou (W100-00-00) (continued)	Panels W09P-W13P

Table of Contents - Volume 5

Exhibit 1 - Flood Profiles (continued)

Patrick Bayou (G104-00-00)	Panels G21P-G24P
East 13th Street Outfall Channel	Panels G25P-G26P
Glenmore Ditch (G108-00-00)	Panel G27P
Carpenters Bayou (N100-00-00)	Panels N01P-N03P
Tributary 3.33 to Carpenters Bayou (N104-00-00)	Panel N04P
Tributary 11.715 to Carpenters Bayou (N117-00-00)	Panel N05P
Tributary 6.77 to Buffalo Bayou	Panel W14P
Hunting Bayou (H100-00-00)	Panels H01P-H04P
Tributary 5.22 to Hunting Bayou (H103-00-00)	Panels H05P-H07P
Tributary 12.05 to Hunting Bayou (H118-00-00)	Panel H08P
Tributary 8.17 to Buffalo Bayou	Panel W15P
Vince Bayou (I100-00-00)	Panels I01P-I04P
Little Vince Bayou (I101-00-00)	Panels I05P-I06P
Panther Creek (G112-00-00)	Panel G28P-G29P
Spring Branch (W140-00-00)	Panels W16P-W17P
Briar Branch (W140-01-00)	Panel W18P
Bering Ditch (W142-00-00)	Panel W19P
Turkey Creek (W167-00-00)	Panels W20P-W22P
Tributary 3.9 to Turkey Creek (W167-01-00)	Panel W23P
Langham Creek (U100-00-00)	Panels U01P-U04P
South Mayde Creek (U101-00-00)	Panel U05P-U09P

Table of Contents - Volume 5 - continued

Exhibit 1 - Flood Profiles (continued)

Tributary 9.4 to South Mayde Creek (U101-07-01)	Panels U10P-U11P
Bear Creek (U102-00-00)	Panels U12P-U15P
Horsepen Creek (U106-00-00)	Panels U16P-U20P
Dinner Creek (U120-00-00)	Panel U21P
Clodine Ditch	Panel W24P
Cane Island Branch (T100-00-00)	Panel T01P
Mason Creek (T101-00-00)	Panels T02P-T04P
Tributary 4.96 to Mason Creek (T101-03-00)	Panels T05P-T06P
Tributary 52.9 to Buffalo Bayou (T103-00-00)	Panels T07P-T08P
Tributary 2.17 to Tributary 52.9 to Buffalo Bayou (T103-01-00)	Panel T09P

Greens and Halls Bayous Watersheds

Greens Bayou (P100-00-00)	Panels P01P-P12P
Big Gulch (P107-00-00)	Panels P13P-P15P
Sulphur Gully (P109-00-00)	Panel P16P
Spring Gully (P110-00-00)	Panel P17P
Halls Bayou (P118-00-00)	Panels P18P-P21P
Tributary 6.71 to Halls Bayou (P118-14-00)	Panel P22P

Table of Contents - Volume 6

Exhibit 1 - Flood Profiles (continued)

Tributary 11.96 to Halls Bayou (P118-23-00)	Panel P23P
Tributary 14.27 to Greens Bayou (P125-00-00)	Panels P24P-P26P
Tributary 14.82 to Greens Bayou (P126-00-00)	Panels P27P-P29P
Garners Bayou (P130-00-00)	Panels P30P-P31P
Williams Gully (P130-02-00)	Panel P32P
Tributary 2.01 to Williams Gully (P130-02-02)	Panel P33P
Tributary 3.19 to Garners Bayou (P130-03-00)	Panel P34P
Tributary 0.55 to Tributary 3.19 to Garners Bayou (P130-03-01)	Panel P35P
Reinhardt Bayou (P130-05-00)	Panels P36P-P37P
Tributary 20.88 to Greens Bayou (P133-00-00)	Panel P38P
Tributary 24.97 to Greens Bayou (P138-00-00)	Panels P39P-P41P
Tributary 26.64 to Greens Bayou (P140-00-00)	Panel P42P
P155-00-00	Panel P43P
P156-00-00	Panel P44P
North Fork Greens Bayou (P145-00-00)	Panels P45P-P47P
Tributary 1.95 to North Fork Greens Bayou (P145-03-00)	Panel P48P

Table of Contents - Volume 6 - continued

Exhibit 1 - Flood Profiles (continued)

Tributary 32.23 to Greens Bayou (P146-00-00)	Panel P49P
Tributary 34.60 to Greens Bayou (P148-00-00)	Panel P50P

Sims and Brays Bayous Watersheds

Sims Bayou (C100-00-00)	Panels C01P-C07P
Plum Creek (C102-00-00)	Panels C08P-C09P
Pine Gully (C103-00-00)	Panels C10P-C11P
Berry Bayou (C106-00-00)	Panel C12P
Berry Creek (C106-01-00)	Panels C13P-C15P
Tributary 2.00 to Berry Bayou (C106-03-00)	Panel C16P
Tributary 3.31 to Berry Bayou (C106-08-00)	Panel C17P
Tributary 10.12 to Sims Bayou (C118-00-00)	Panel C18P
Tributary 10.77 to Sims Bayou (C123-00-00)	Panel C19P
Tributary 13.83 to Sims Bayou (C132-00-00)	Panel C20P
Tributary 20.25 to Sims Bayou (C147-00-00)	Panel C21P
Brays Bayou (D100-00-00)	Panels D01P-D07P
Willow Waterhole Bayou (D112-00-00)	Panel D08P
Chimney Rock Diversion Channel (D139-00-00)	Panel D09P
Tributary 17.42 to Brays Bayou (D133-00-00)	Panel D10P
Fondren Diversion Channel (D140-00-00)	Panel D11P
Keegans Bayou (D118-00-00)	Panels D12P-D13P
Tributary 19.77 to Brays Bayou	Panel D14P
Tributary 20.86 to Brays Bayou (D142-00-00)	Panel D15P
Tributary 20.90 to Brays Bayou (D120-00-00)	Panels D16P-D17P
Tributary 21.95 to Brays Bayou (D122-00-00)	Panels D18P-D19P
Tributary 22.69 to Brays Bayou (D124-00-00)	Panel D20P
Tributary 23.53 to Brays Bayou (D126-00-00)	Panel D21P
Tributary 26.20 to Brays Bayou (D129-00-00)	Panels D22P-D23P
Tributary 29.16 to Brays Bayou (D132-00-00)	Panel D24P

White Oak Bayou Watershed

White Oak Bayou (E100-00-00)	Panels E01P-E11P
Little White Oak Bayou (E101-00-00)	Panels E12P-E13P
Brickhouse Gully (E115-00-00)	Panels E14P-E16P
Tributary 1.61 to Brickhouse Gully (E115-04-00)	Panel E17P

Table of Contents - Volume 7

Exhibit 1 - Flood Profiles (continued)

Tributary 10.1 to White Oak Bayou (E116-05-00)	Panel E18P
Cole Creek (E117-00-00)	Panels E19P-E21P
Vogel Creek (E121-00-00)	Panels E22P-E24P
Tributary 15.8 to White Oak Bayou (E124-00-00)	Panels E25P-E26P

Table of Contents - Volume 7 - continued

Exhibit 1 - Flood Profiles (continued)

Rolling Fork (E125-00-00)	Panels E27P-E30P
Tributary 19.05 to White Oak Bayou (E127-00-00)	Panels E31P-E32P
Tributary 19.82 to White Oak Bayou (E135-00-00)	Panels E33P-E34P

Spring and Cypress Creeks Watersheds

Spring Creek (J100-00-00)	Panels J01P-J19P
Bender Lake	Panel J20P
Willow Creek (M100-00-00)	Panels M01P-M06P
Tributary 0.26 to Willow Creek (M101-00-00)	Panel M07P
Tributary 2.44 to Willow Creek (M104-00-00)	Panel M08P
Hughes Gully (M108-00-00)	Panel M09P
Cannon Gully (M109-00-00)	Panels M10P-M11P
Metzler Creek (M109-01-00)	Panel M12P
Tributary 6.52 to Willow Creek (M112-00-00)	Panel M13P
Tributary 8.16 to Willow Creek (M116-00-00)	Panel M14P
Tributary 13.50 to Willow Creek (M124-00-00)	Panels M15P-M16P
Boggs Gully (J131-00-00)	Panels J21P-J22P
Tributary 1.25 to Boggs Gully	Panel J23P
Cypress Creek (K100-00-00)	Panels K01P-K12P
Turkey Creek (K111-00-00)	Panel K13P
Wild Cow Gulch (K112-00-00)	Panel K14P
Schultz Gully (K116-00-00)	Panel K15P
Lemm Gully (K120-00-00)	Panels K16P-K17P
Senger Gully (K120-01-00)	Panels K18P-K19P
Wunsche Gully (K120-03-00)	Panel K20P
Seals Gully (K124-00-00)	Panels K21P-K22P
Kothman Gully (K124-02-00)	Panels K23P-K24P
Spring Gully (K131-00-00)	Panels K25P-K26P
Theiss Gully (K131-02-00)	Panels K27P-K29P
Tributary 2.1 to Spring Gully (K131-03-00)	Panel K30P
Dry Gully (K133-00-00)	Panels K31P-K32P
Pillot Gully (K140-00-00)	Panels K33P-K34P

Table of Contents - Volume 8

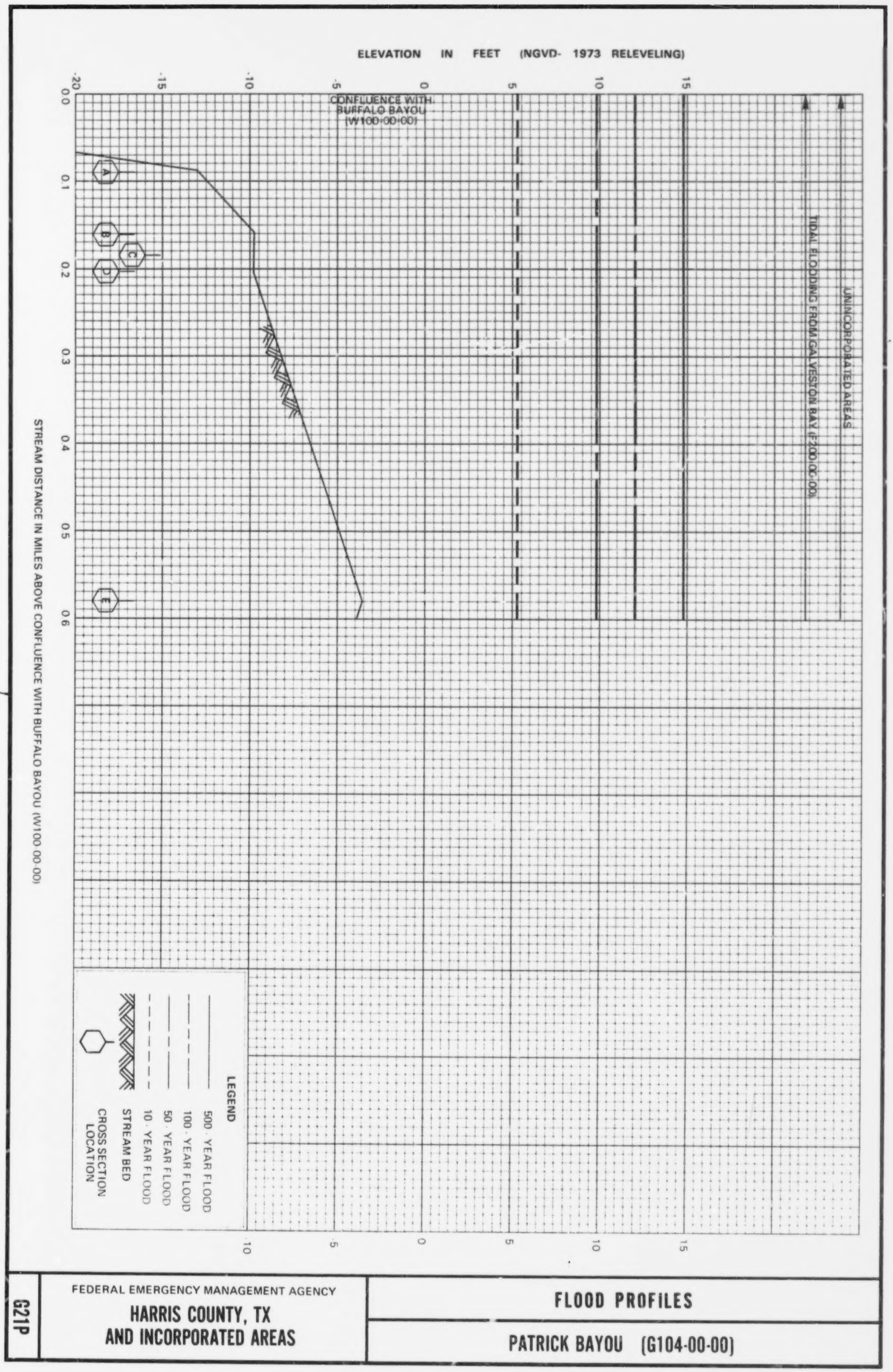
Exhibit 1 - Flood Profiles (continued)

Faulkey Gully (K142-00-00)	Panels K35P-K37P
Little Cypress Creek (L100-00-00)	Panels L01P-L10P
Tributary 9.36 to Little Cypress Creek (L109-00-00)	Panel L11P
Tributary 10.99 to Little Cypress Creek (L112-00-00)	Panels L12P-L13P

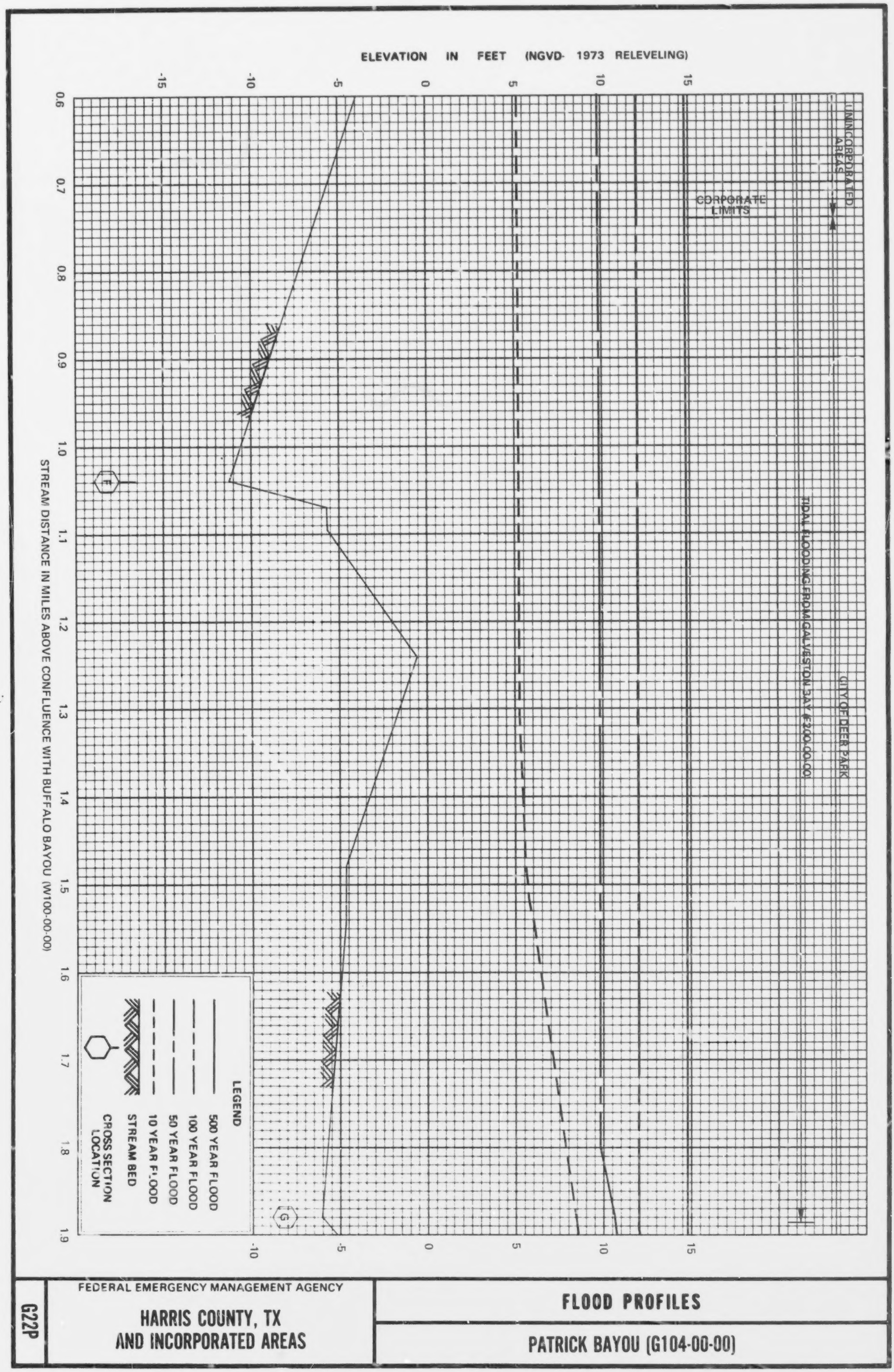
Exhibit 1 - Flood Profiles (continued)

Tributary 13.92 to Little Cypress Creek (L114-00-00)	Panels L14P-L16P
Tributary 0.12 to Tributary 13.92 to Little Cypress Creek (L114-01-00)	Panel L17P
Dry Creek (K145-00-00)	Panels K38P-K39P
Tributary 36.6 to Cypress Creek (K150-00-00)	Panels K40P-K42P
Tributary 37.1 to Cypress Creek (K152-00-00)	Panel K43P
Channel A to Cypress Creek (K159-00-00)	Panel K44P
Channel D to Channel A to Cypress Creek (K159-01-00)	Panel K45P
Tributary 40.7 to Cypress Creek (K155-00-00)	Panels K46P-K47P
Tributary 42.7 to Cypress Creek (K157-00-00)	Panels K48P-K50P
Rock Hollow (K160-00-00)	Panels K51P-K54P
Tributary 1.63 to Rock Hollow	Panels K55P-K57P
Tributary 44.5 to Cypress Creek	Panels K58P-K60P
Mound Creek (K166-00-00)	Panels K61P-K63P
Little Mound Creek	Panels K64P-K65P
Tributary 7.62 to Mound Creek	Panel K66P
Tributary 8.18 to Mound Creek	Panel K67P
Cedar Bayou Watershed	
Cedar Bayou (Q100-00-00)	Panels Q01P-Q10P
Cary Bayou (Q112-00-00)	Panels Q11P-Q12P
McGee Gully (Q114-00-00)	Panels Q13P-Q14P
Little Cedar Bayou Watershed	
Little Cedar Bayou (F216-00-00)	Panels F01P-F03P
Mustang Bayou Watershed	
Mustang Bayou	Panel Z01P

Exhibit 2 - Flood Insurance Rate Map Index and Street Index
Flood Insurance Rate Map



G21P	FEDERAL EMERGENCY MANAGEMENT AGENCY **HARRIS COUNTY, TX AND INCORPORATED AREAS**	**FLOOD PROFILES** **PATRICK BAYOU (G104-00-00)**



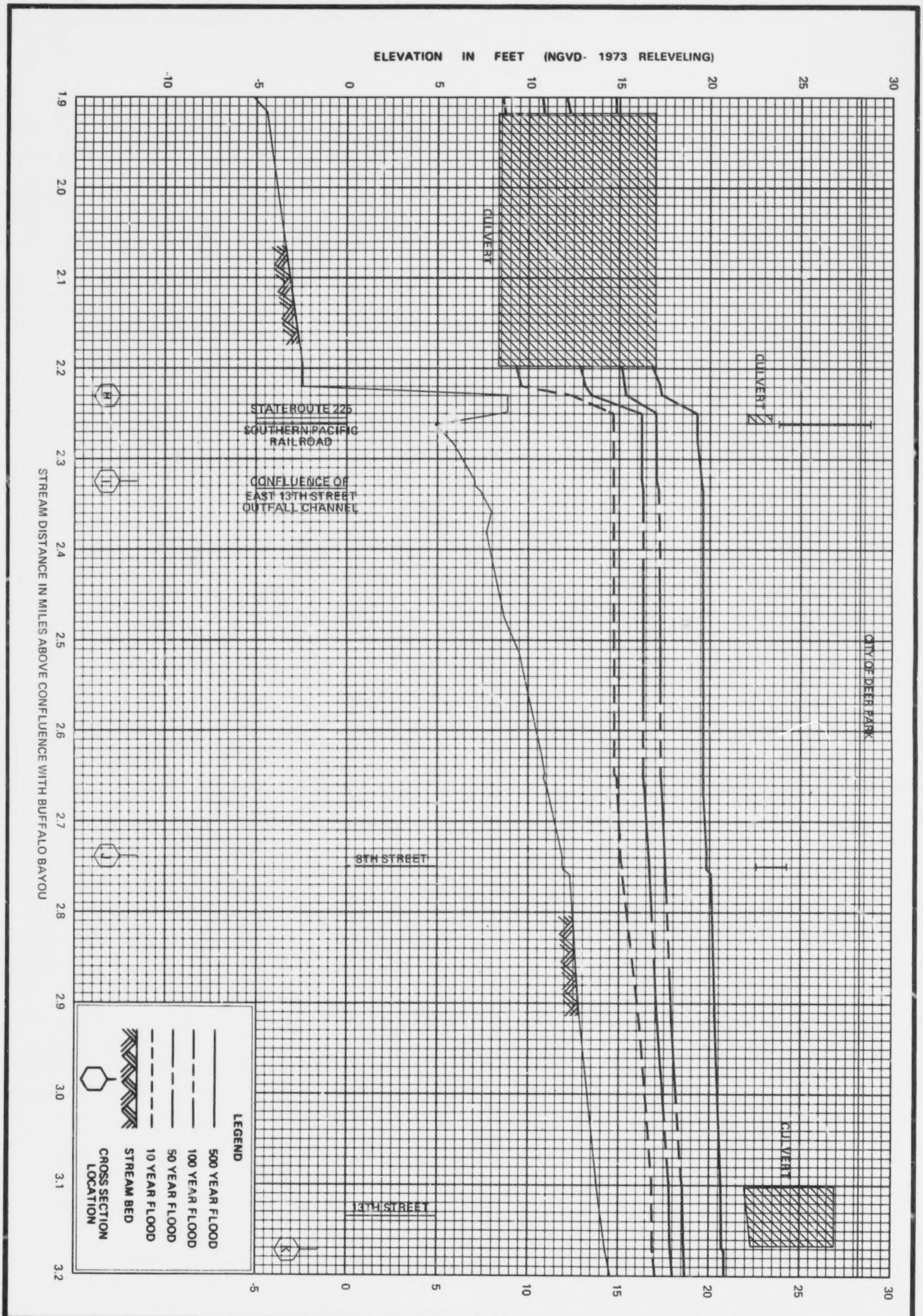
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

PATRICK BAYOU (G104-00-00)

G22P



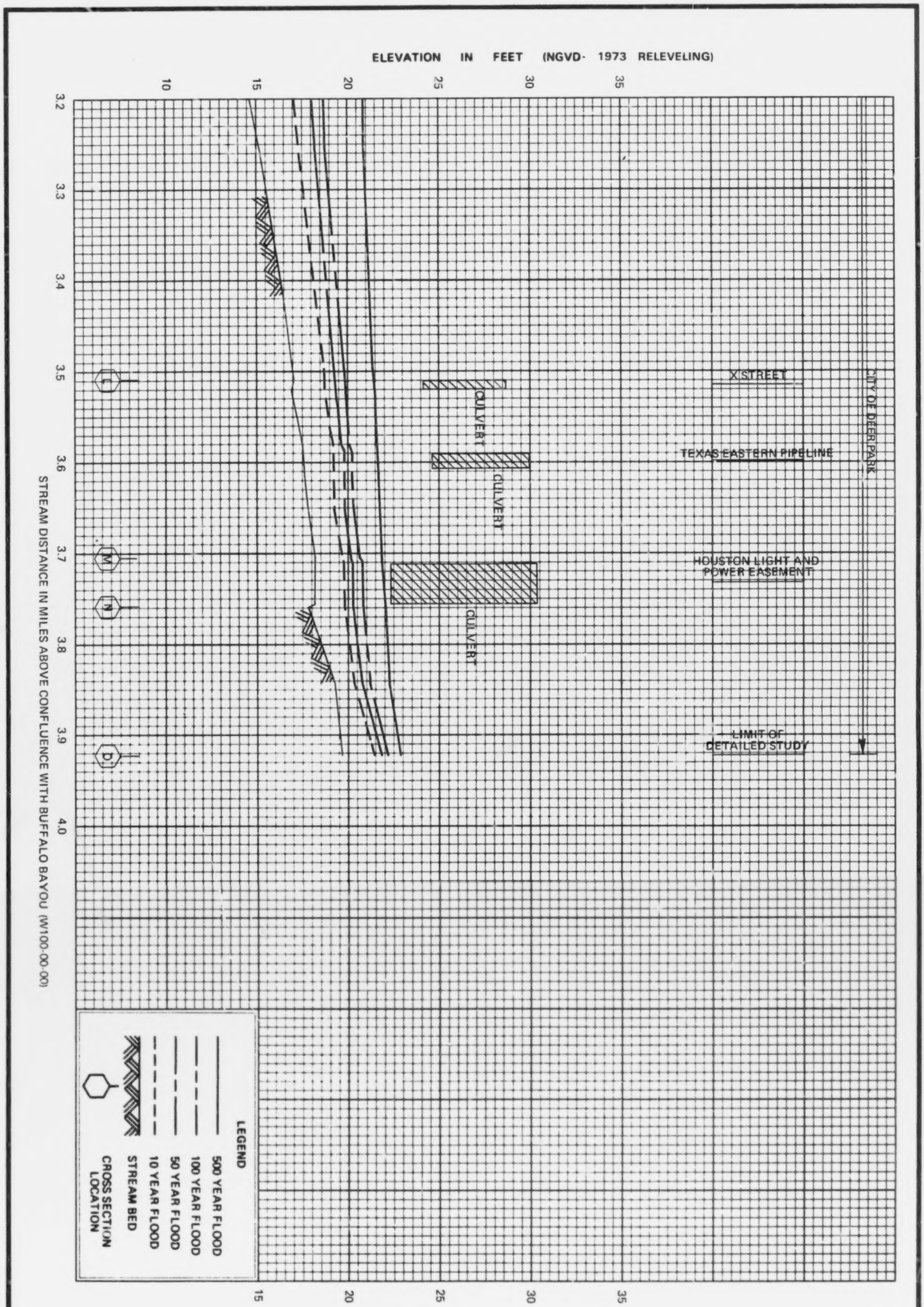
G23P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

PATRICK BAYOU (G104-00-00)



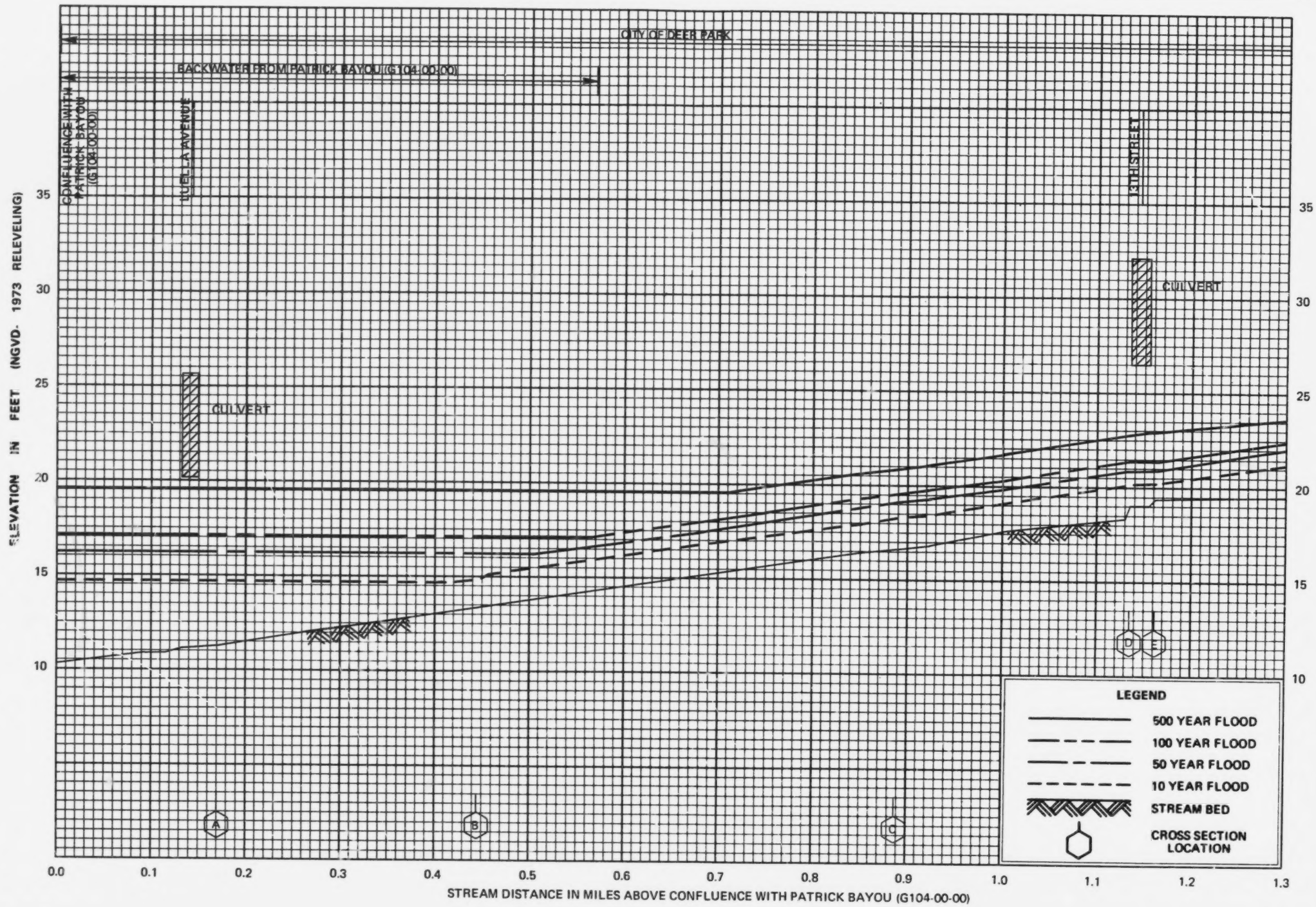
G24P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

PATRICK BAYOU (G104-00-00)



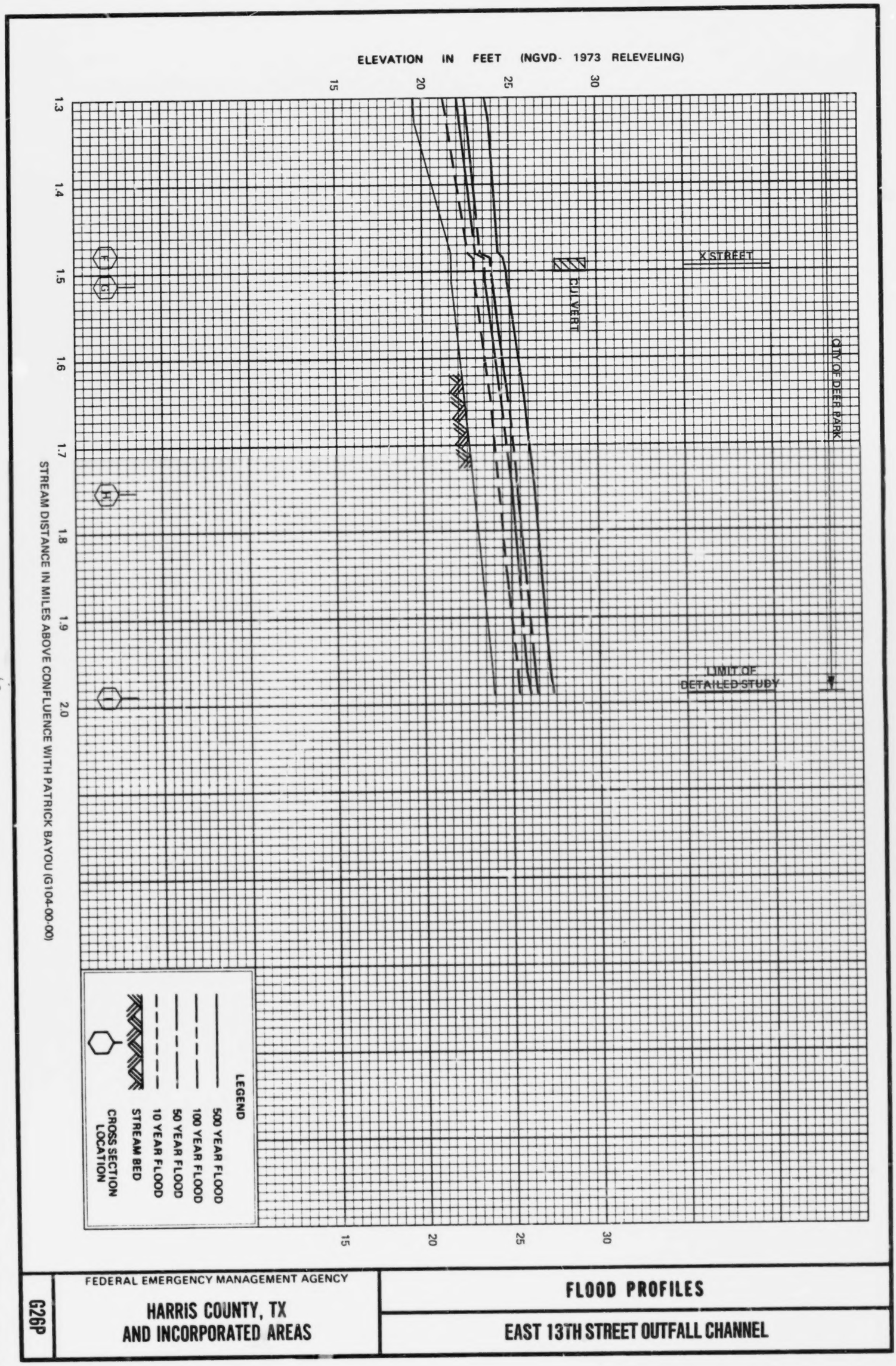
FLOOD PROFILES

EAST 13TH STREET OUTFALL CHANNEL

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

G25P



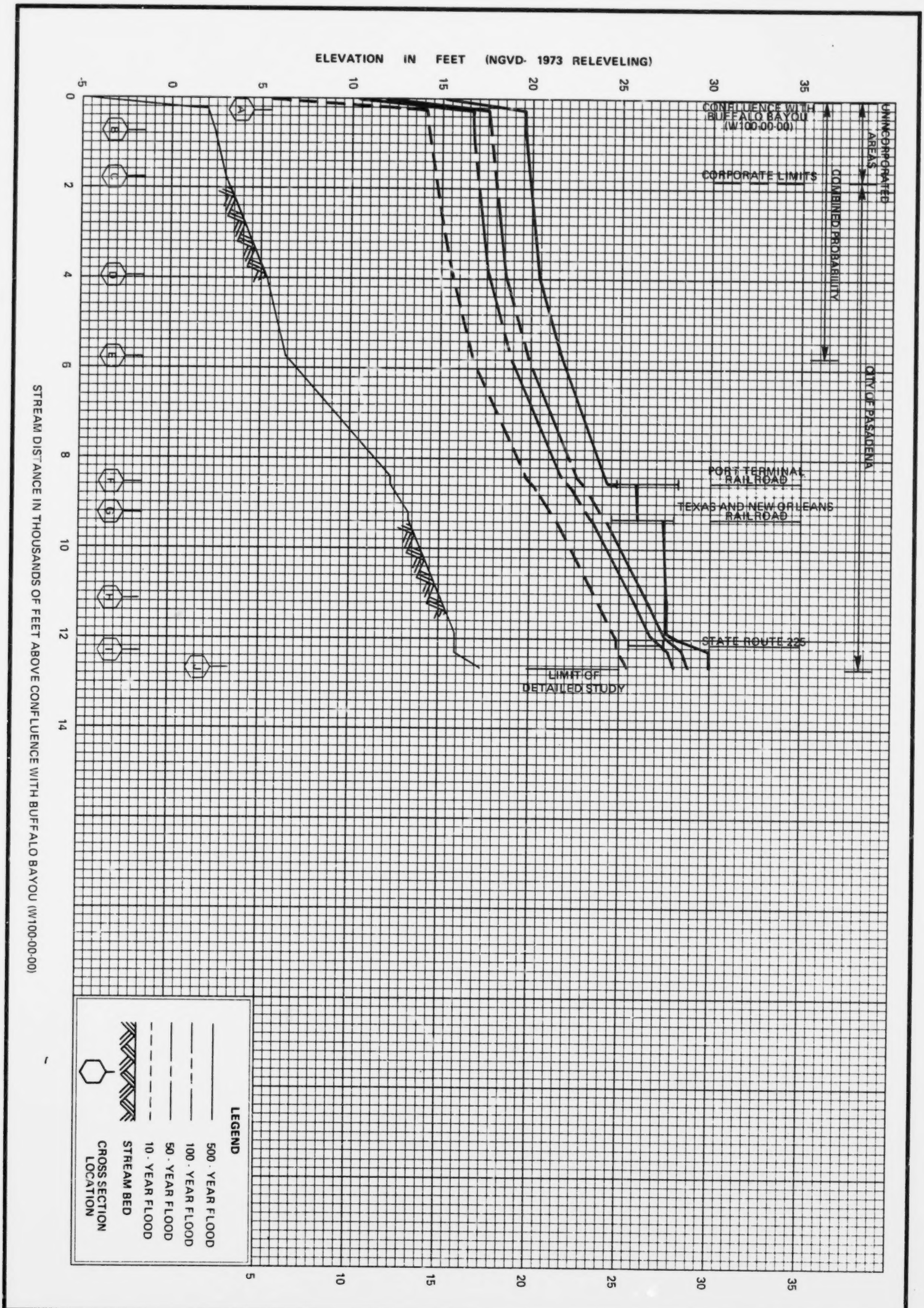
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

EAST 13TH STREET OUTFALL CHANNEL

G26P



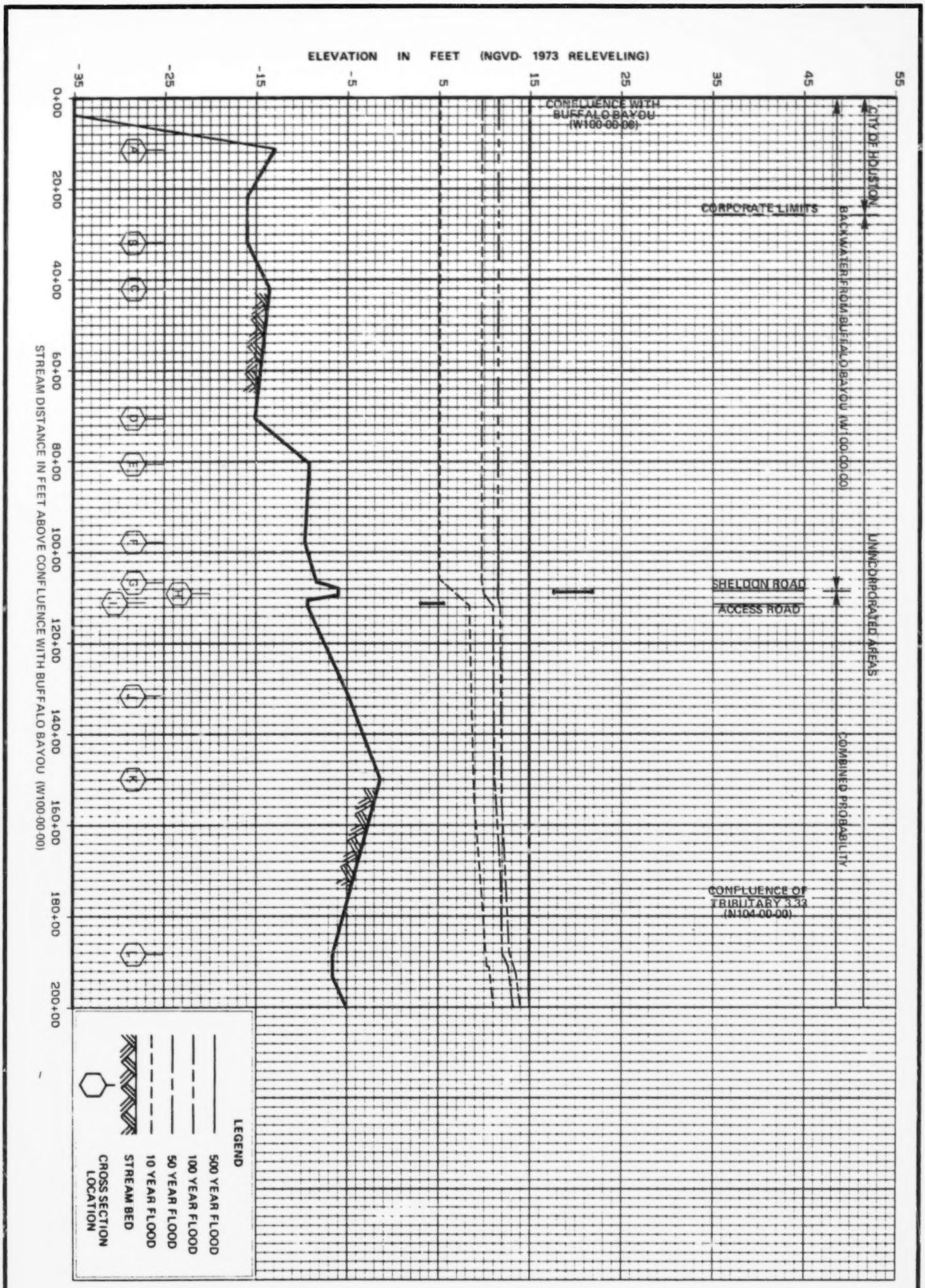
G27P

FEDERAL EMERGENCY MANAGEMENT AGENCY

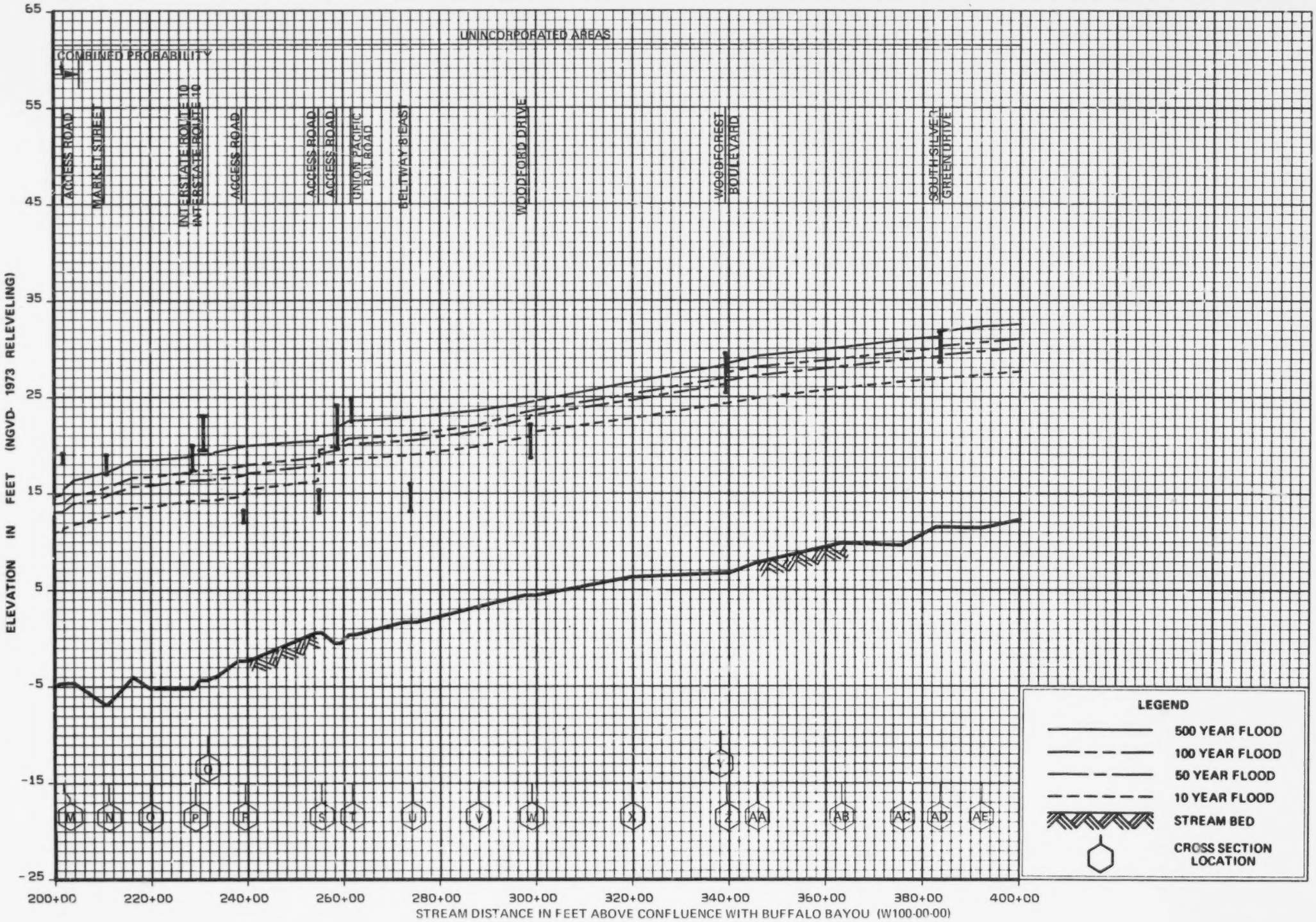
HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

GLENMORE DITCH (G108-00-00)



N01P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES CARPENTERS BAYOU (N100-00-00)



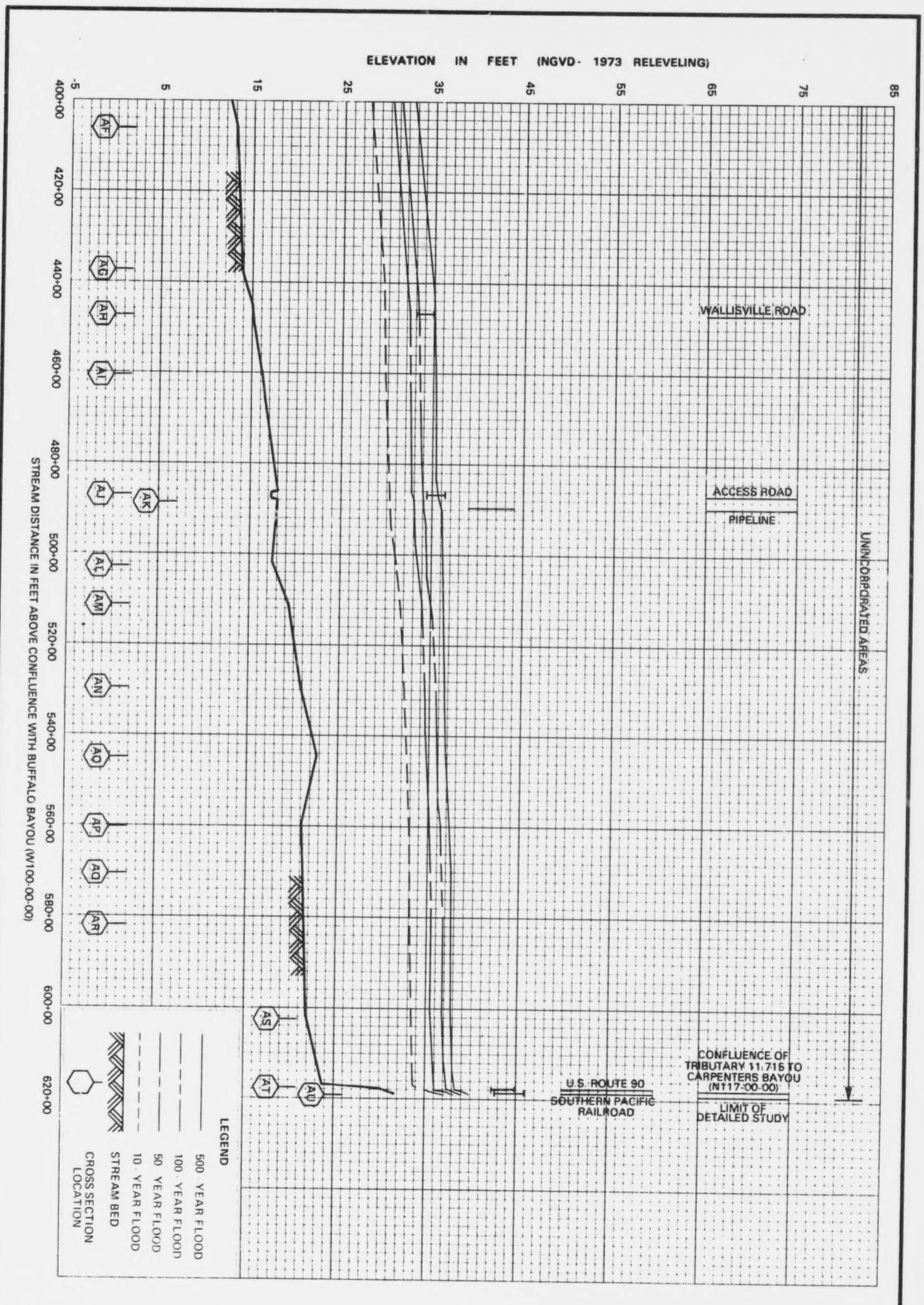
FLOOD PROFILES

CARPENTERS BAYOU (N100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

N02P



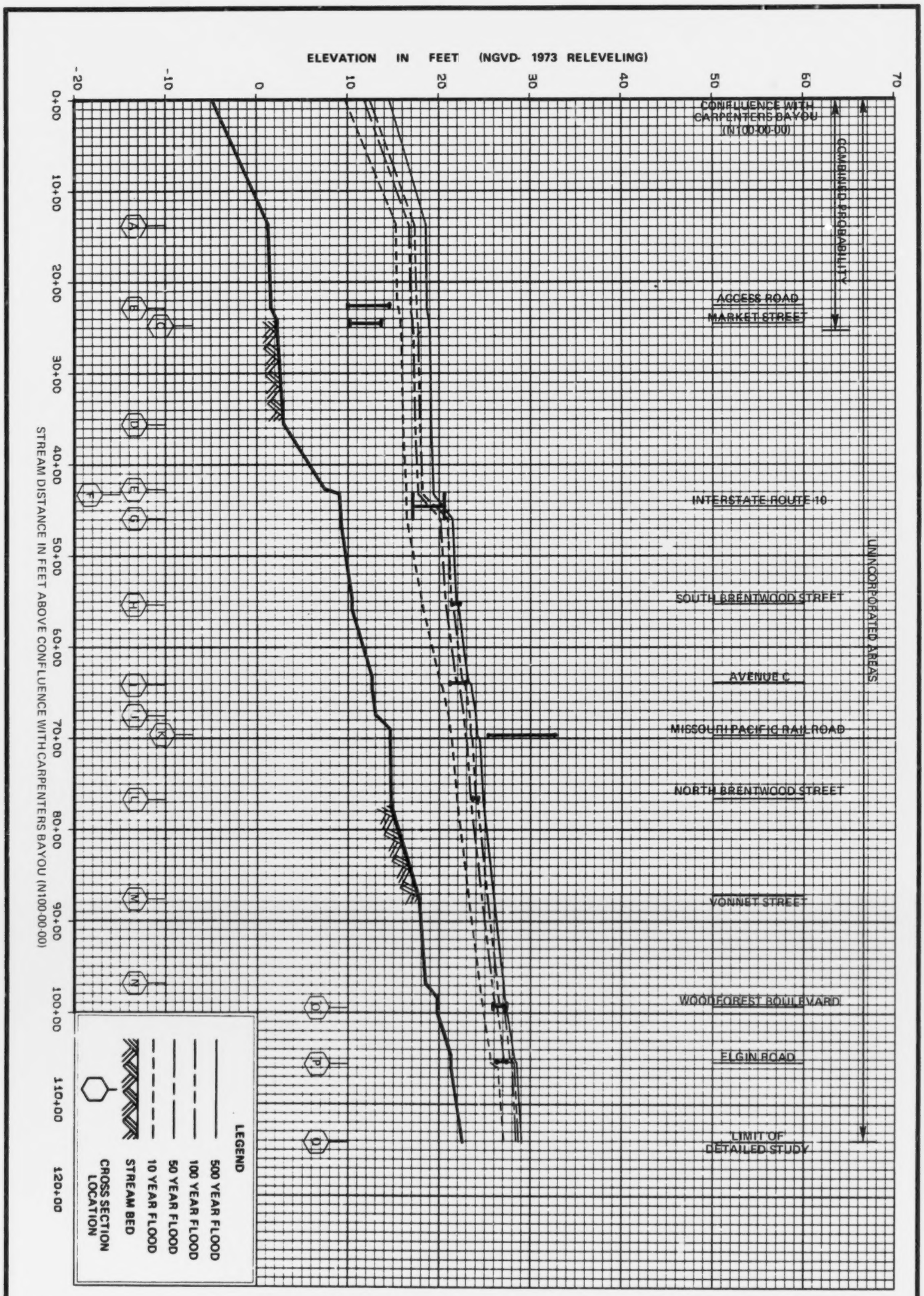
N03P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

CARPENTERS BAYOU (N100-00-00)



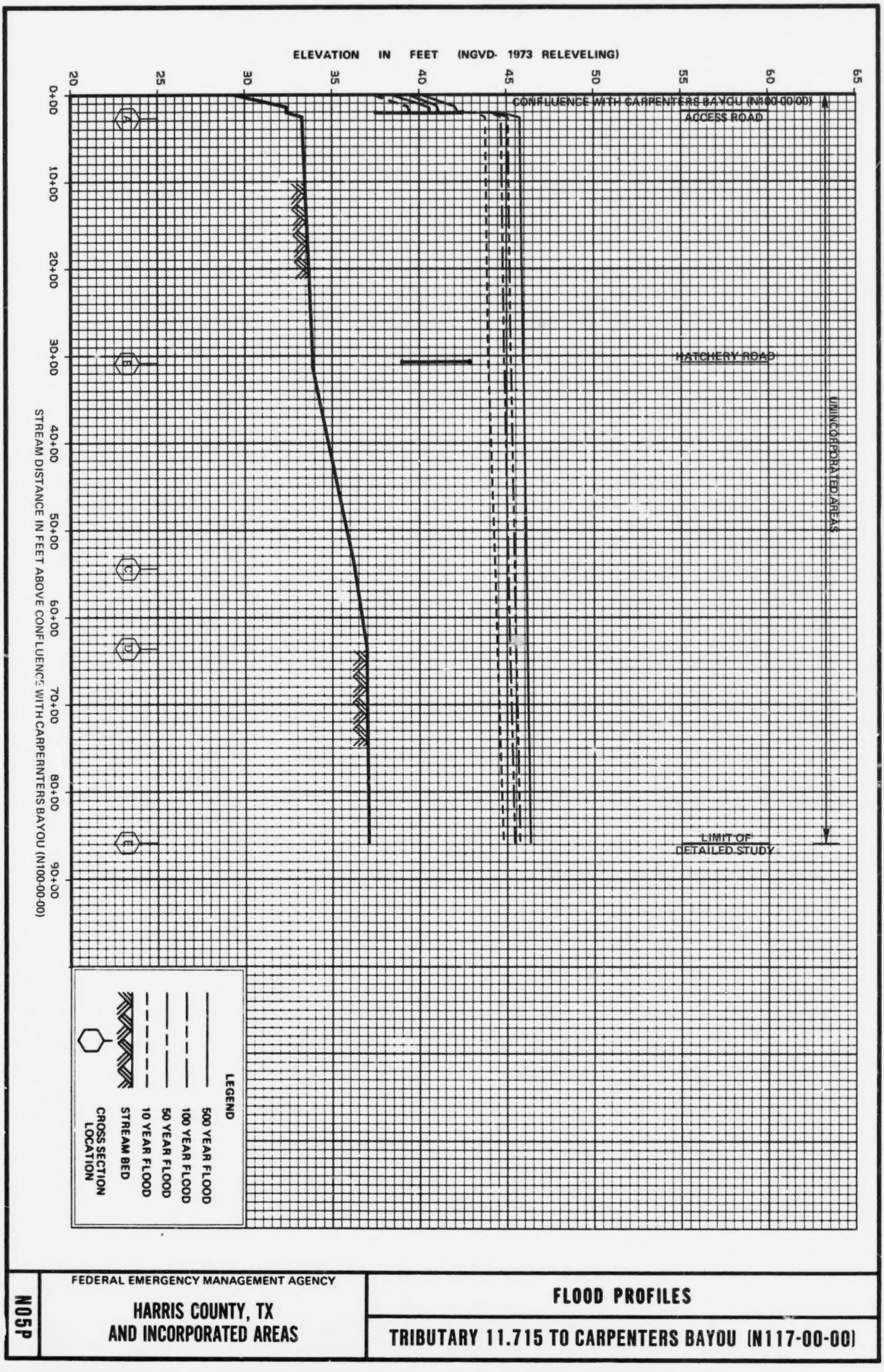
N04P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 3.33 TO CARPENTERS BAYOU (N104-00-00)



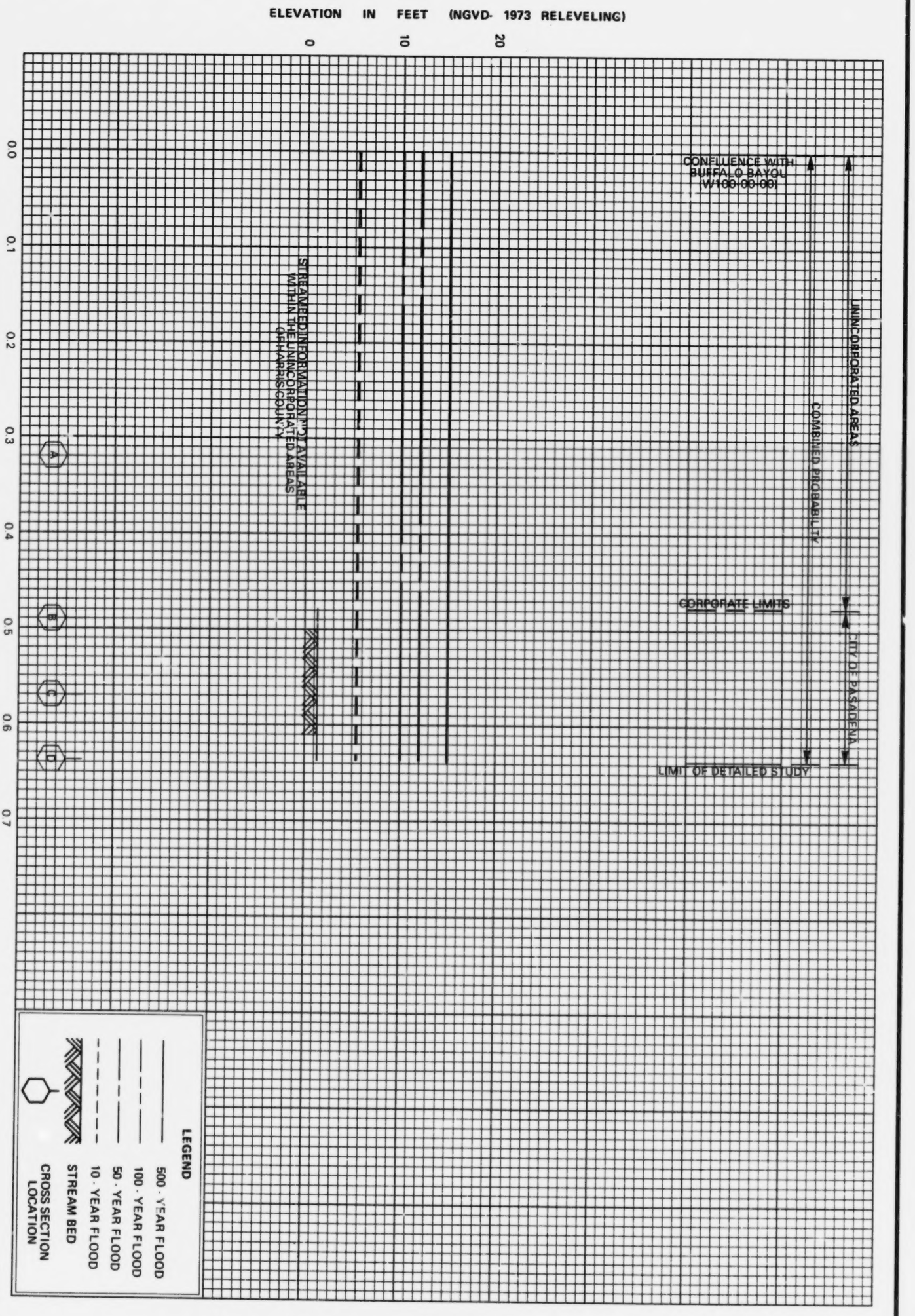
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 11.715 TO CARPENTERS BAYOU (N117-00-00)

N05P



13

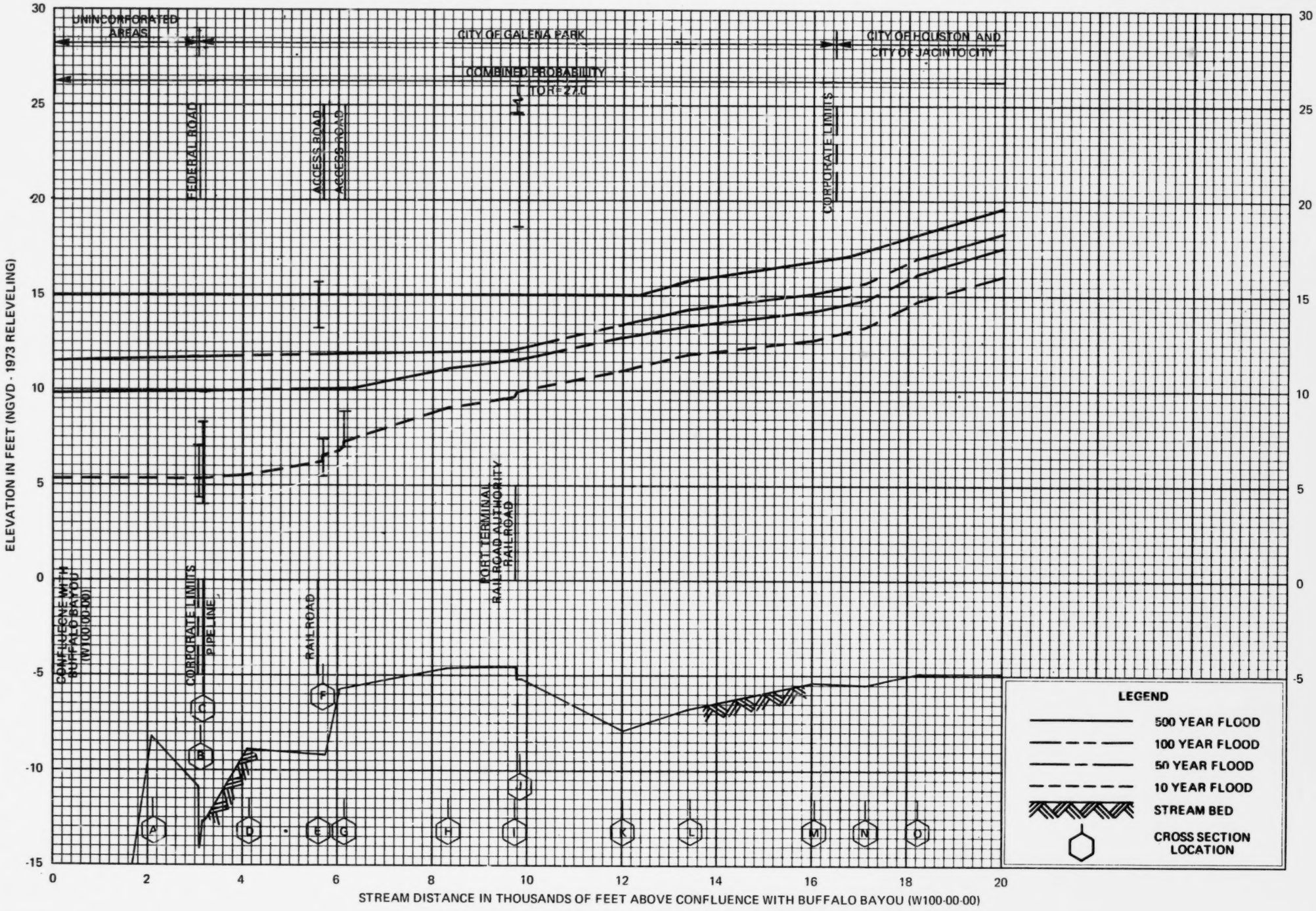
W14P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 6.77 TO BUFFALO BAYOU



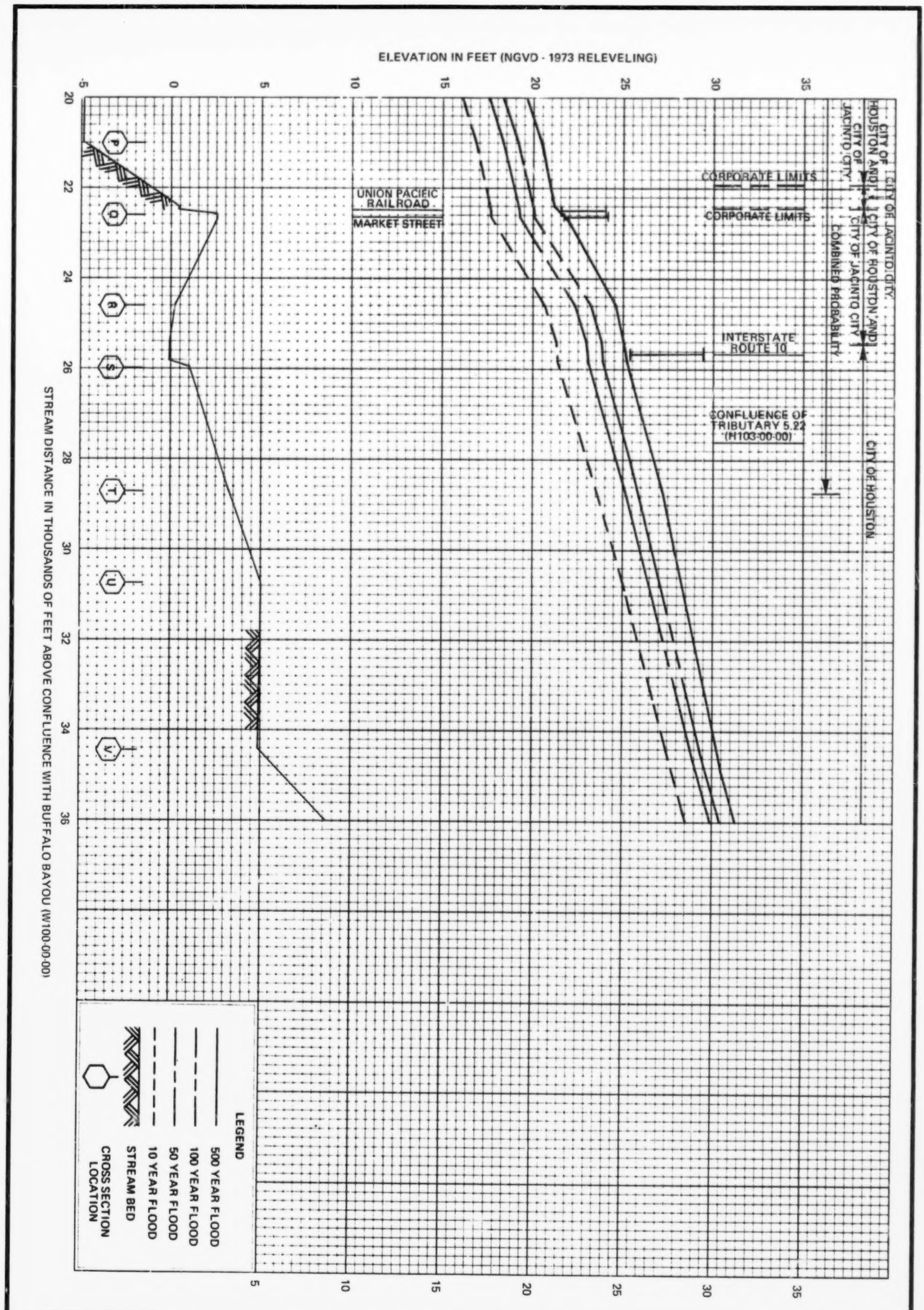
FLOOD PROFILES

HUNTING BAYOU (H100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

H01P



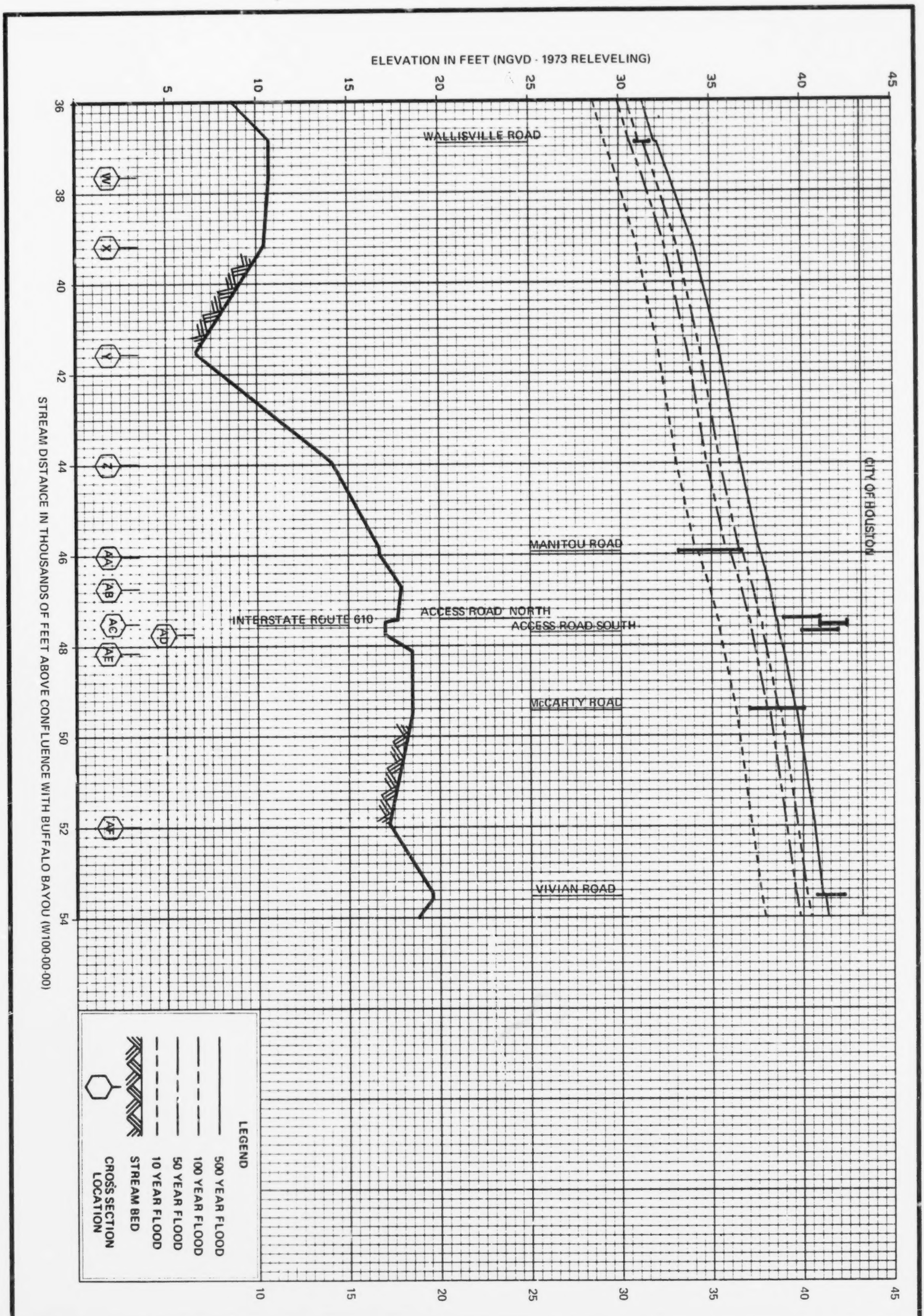
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

HUNTING BAYOU (H100-00-00)

H02P



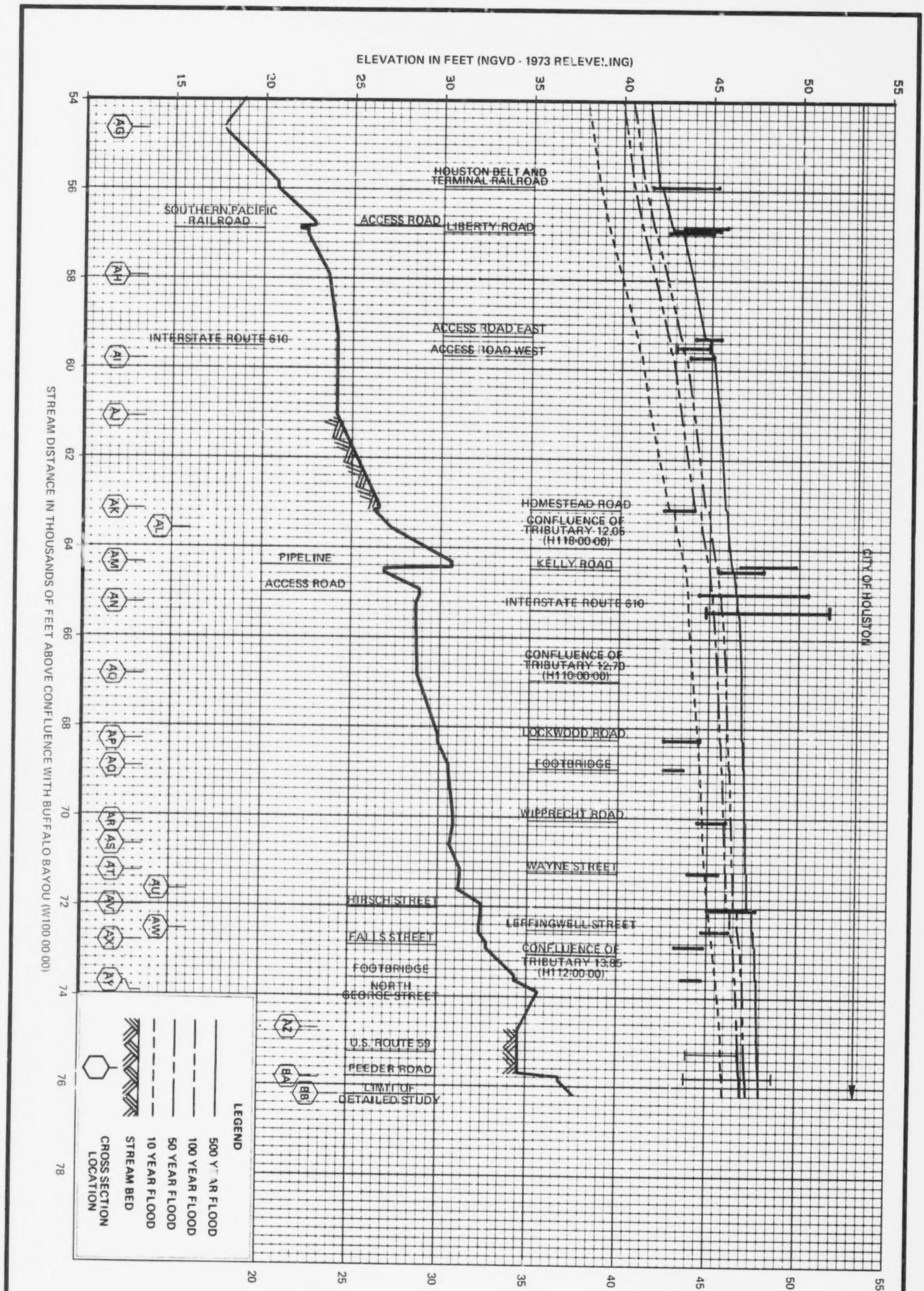
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

HUNTING BAYOU (H100-00-00)

H03P



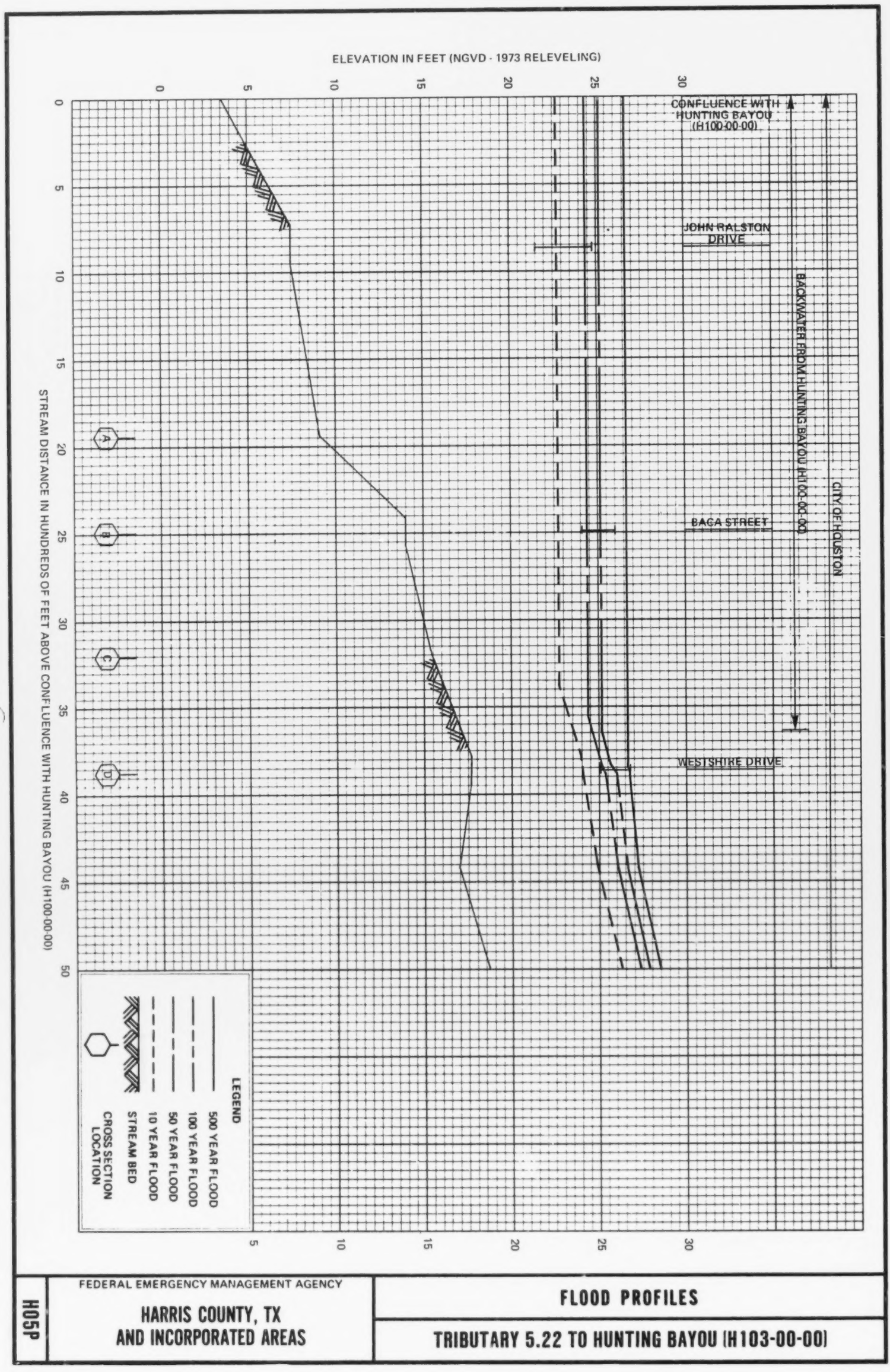
H04P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

HUNTING BAYOU (H100-00-00)



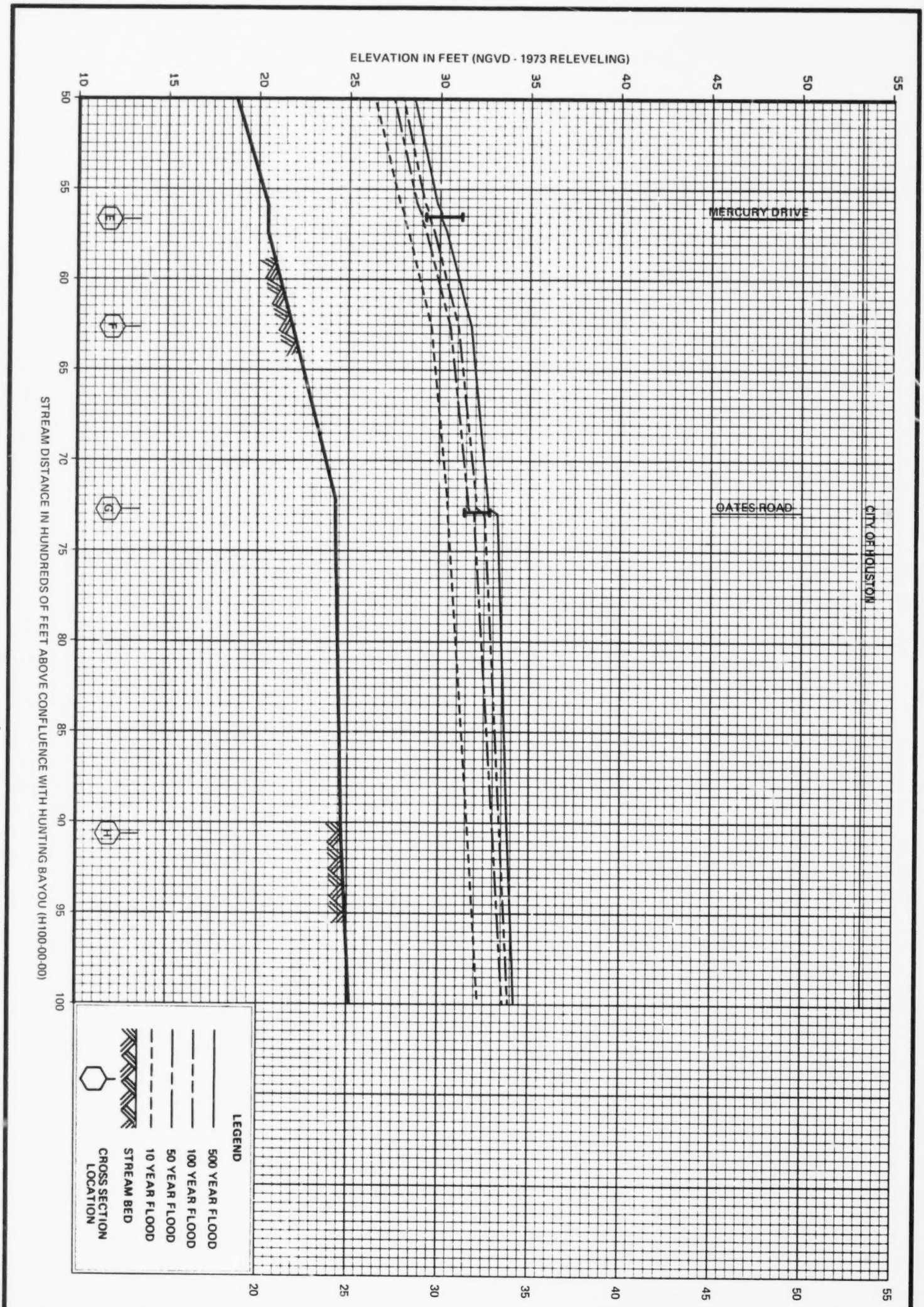
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 5.22 TO HUNTING BAYOU (H103-00-00)

H05P



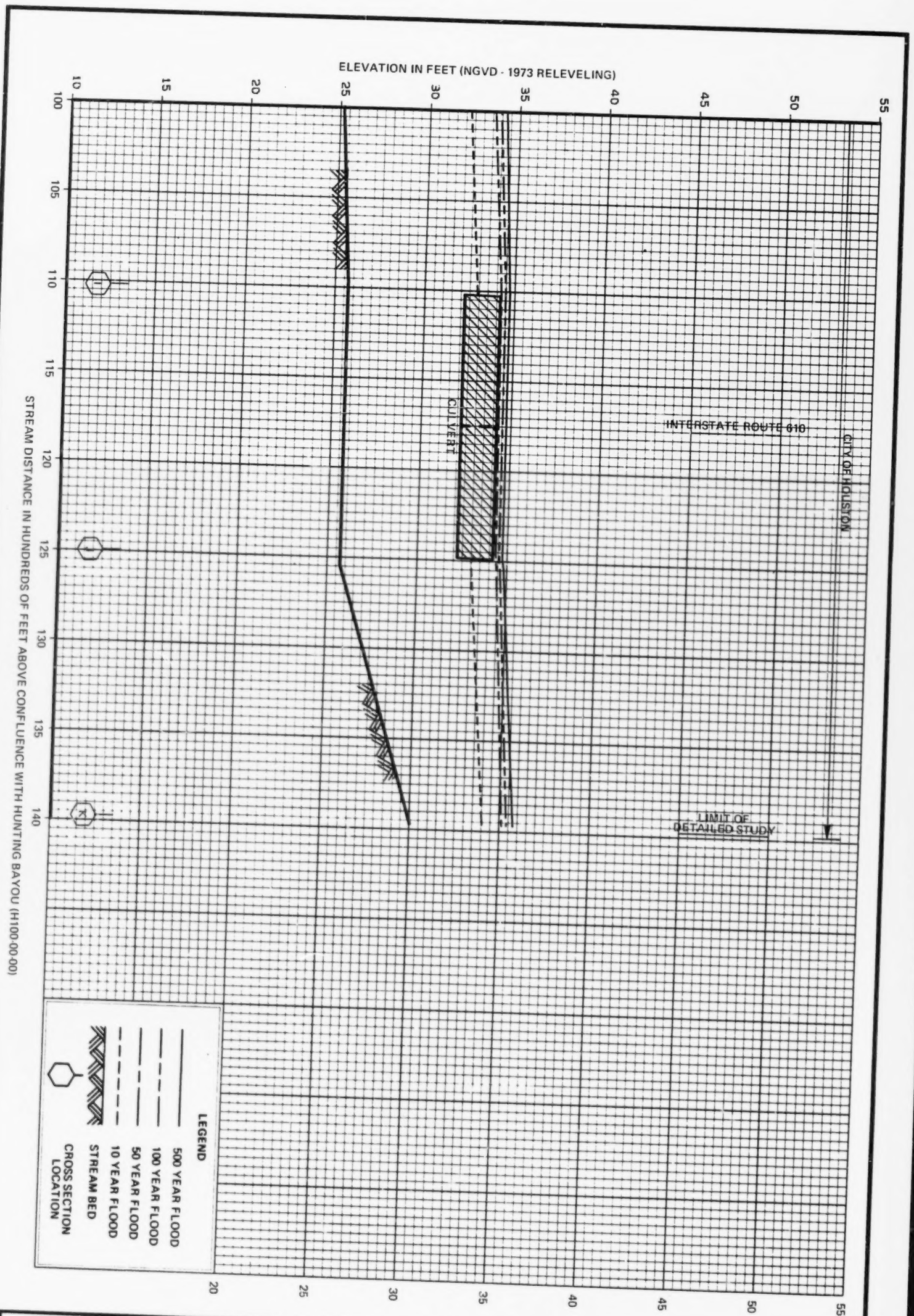
H06P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 5.22 TO HUNTING BAYOU (H103-00-00)



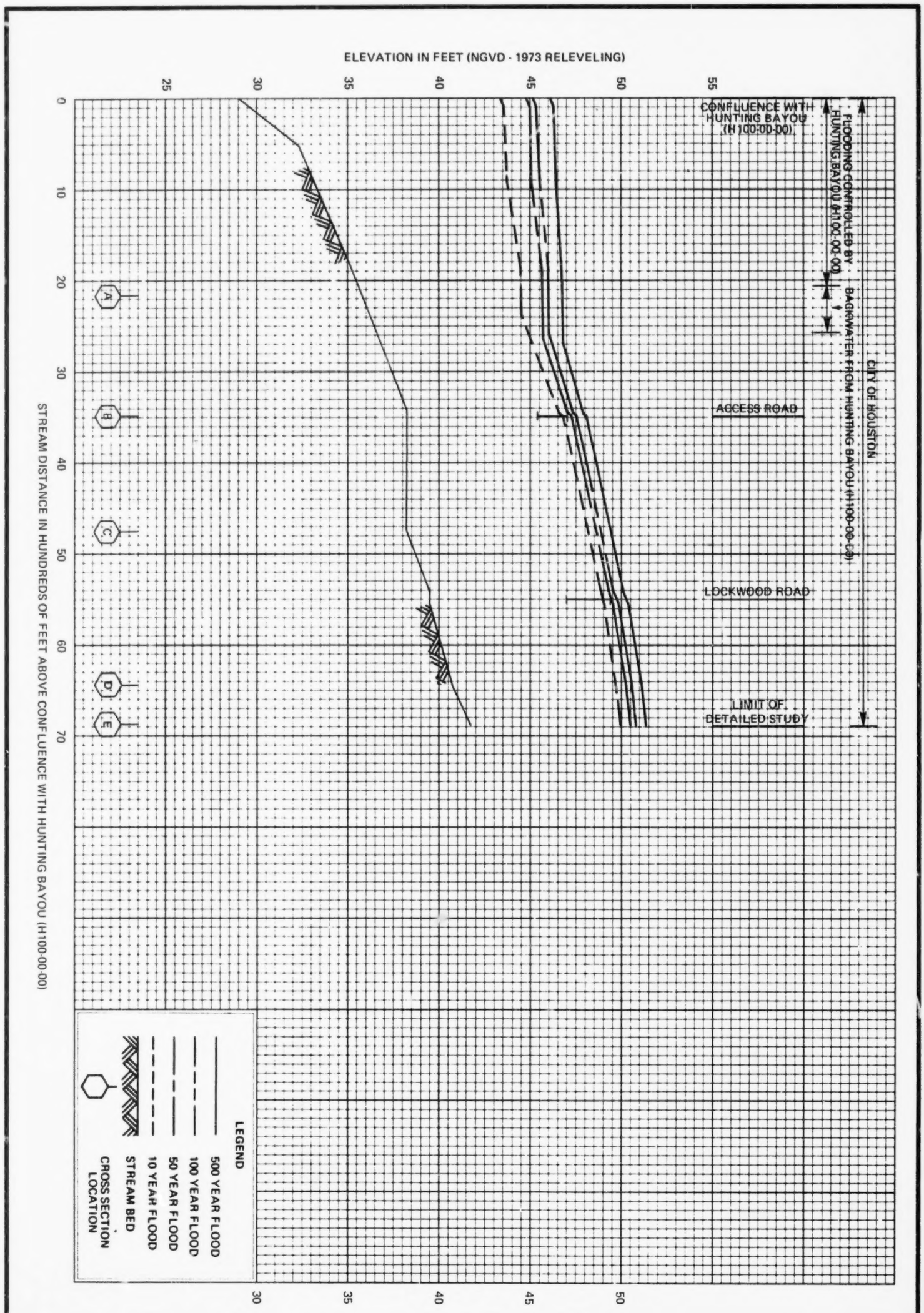
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 5.22 TO HUNTING BAYOU (H103-00-00)

H07P



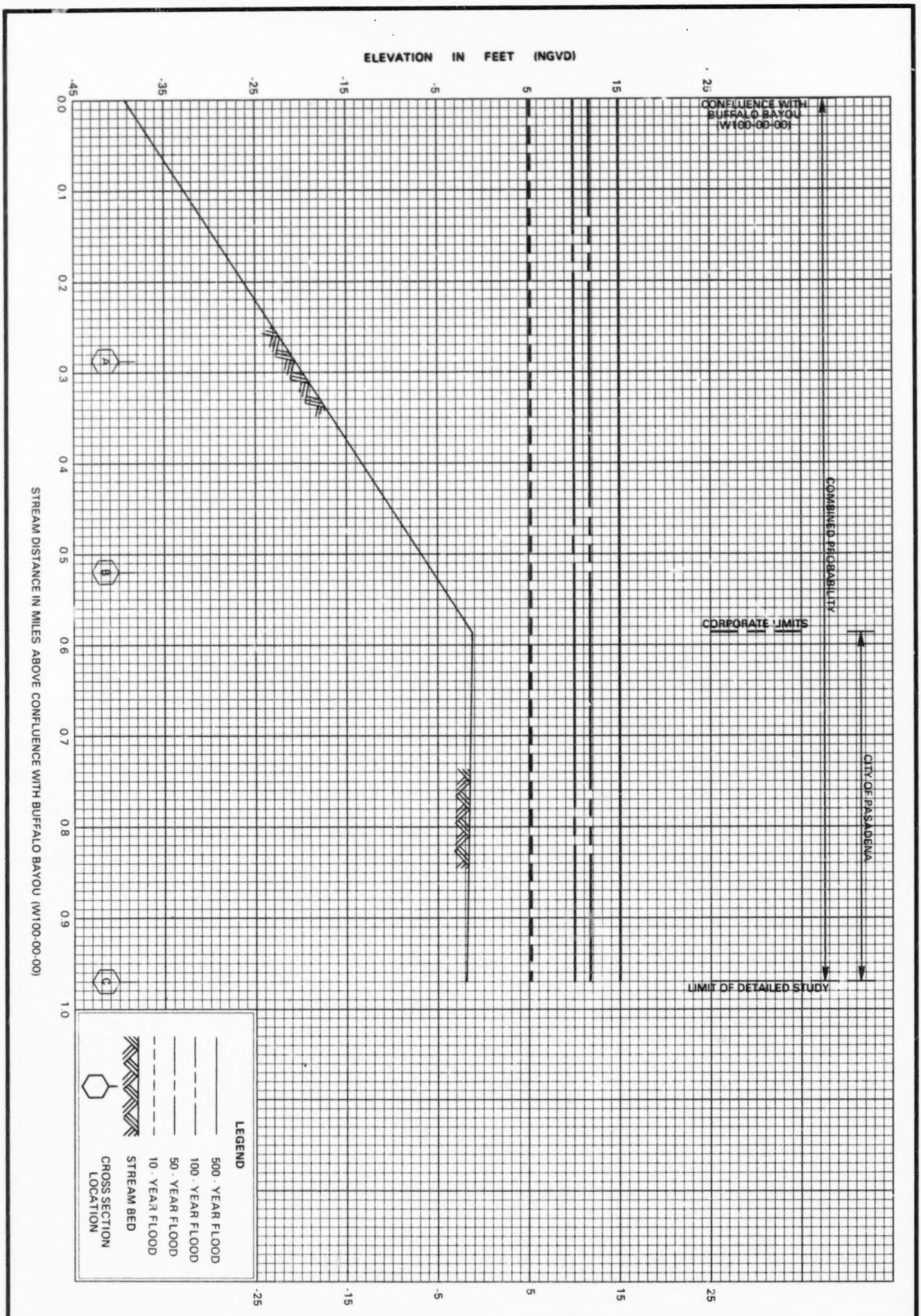
H08P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 12.05 TO HUNTING BAYOU (H118-00-00)



W15P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES TRIBUTARY 8.17 TO BUFFALO BAYOU

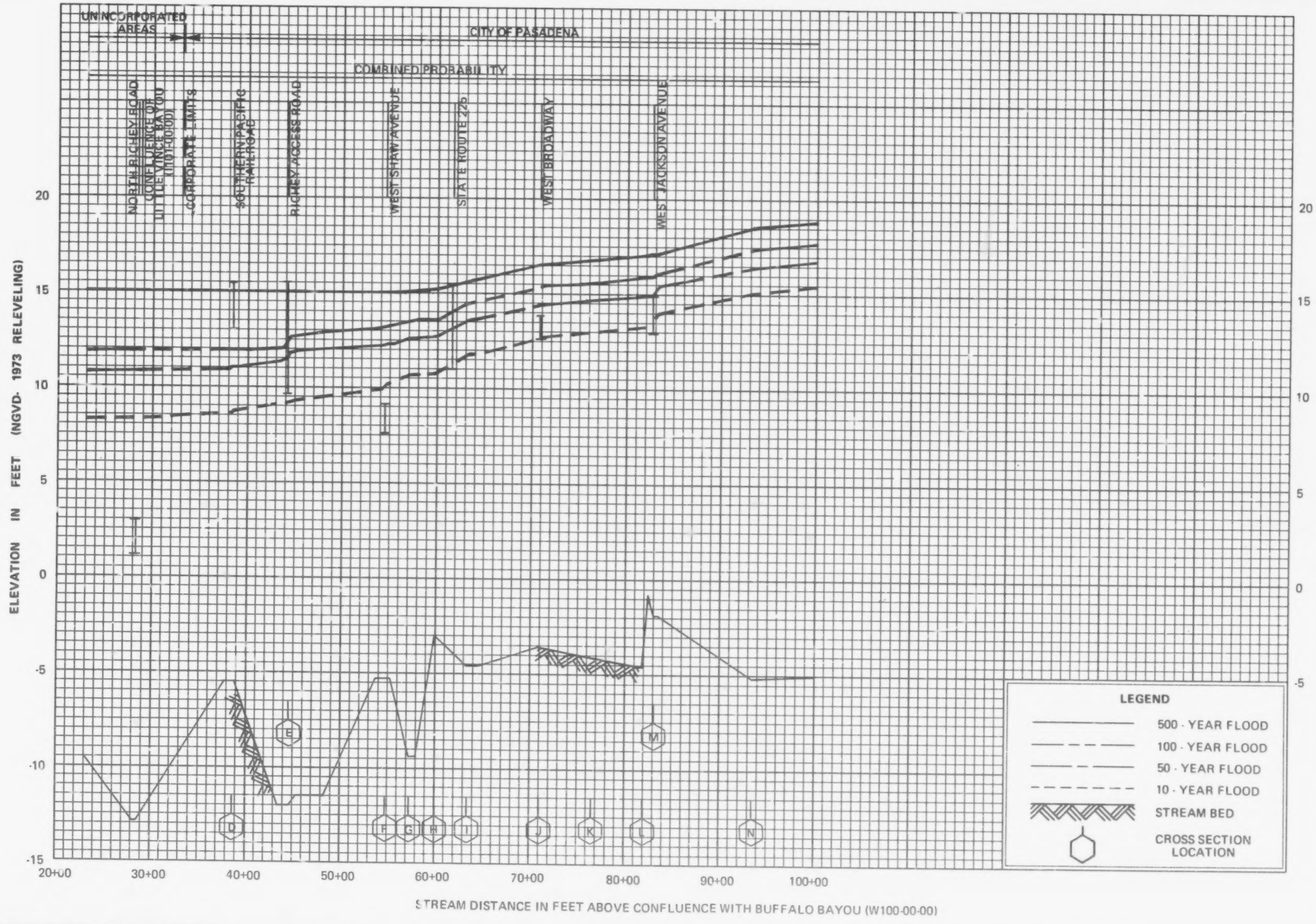
FLOOD PROFILES

VINCE BAYOU (1100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

101P



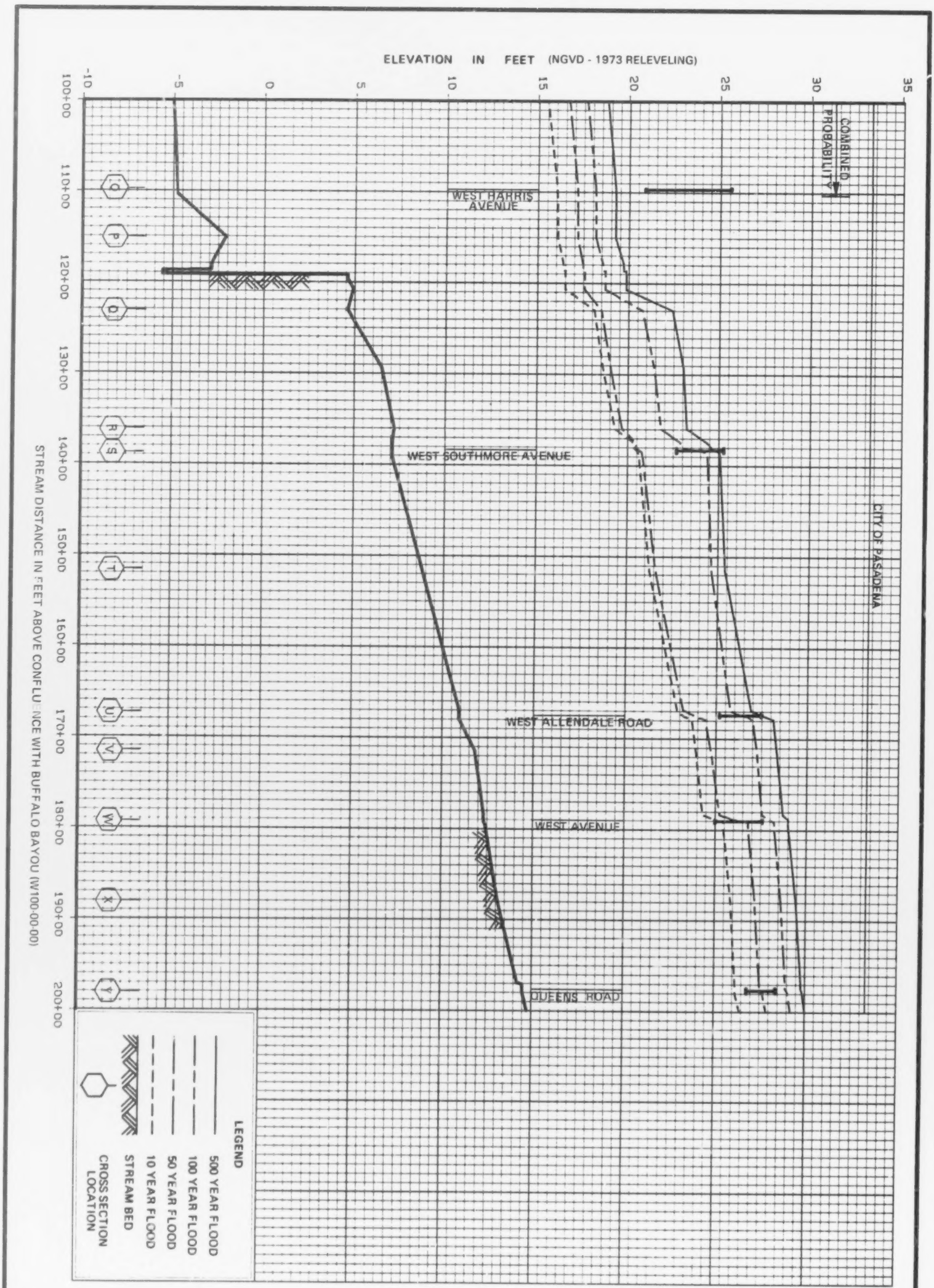
FLOOD PROFILES

VINCE BAYOU (W100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

102P



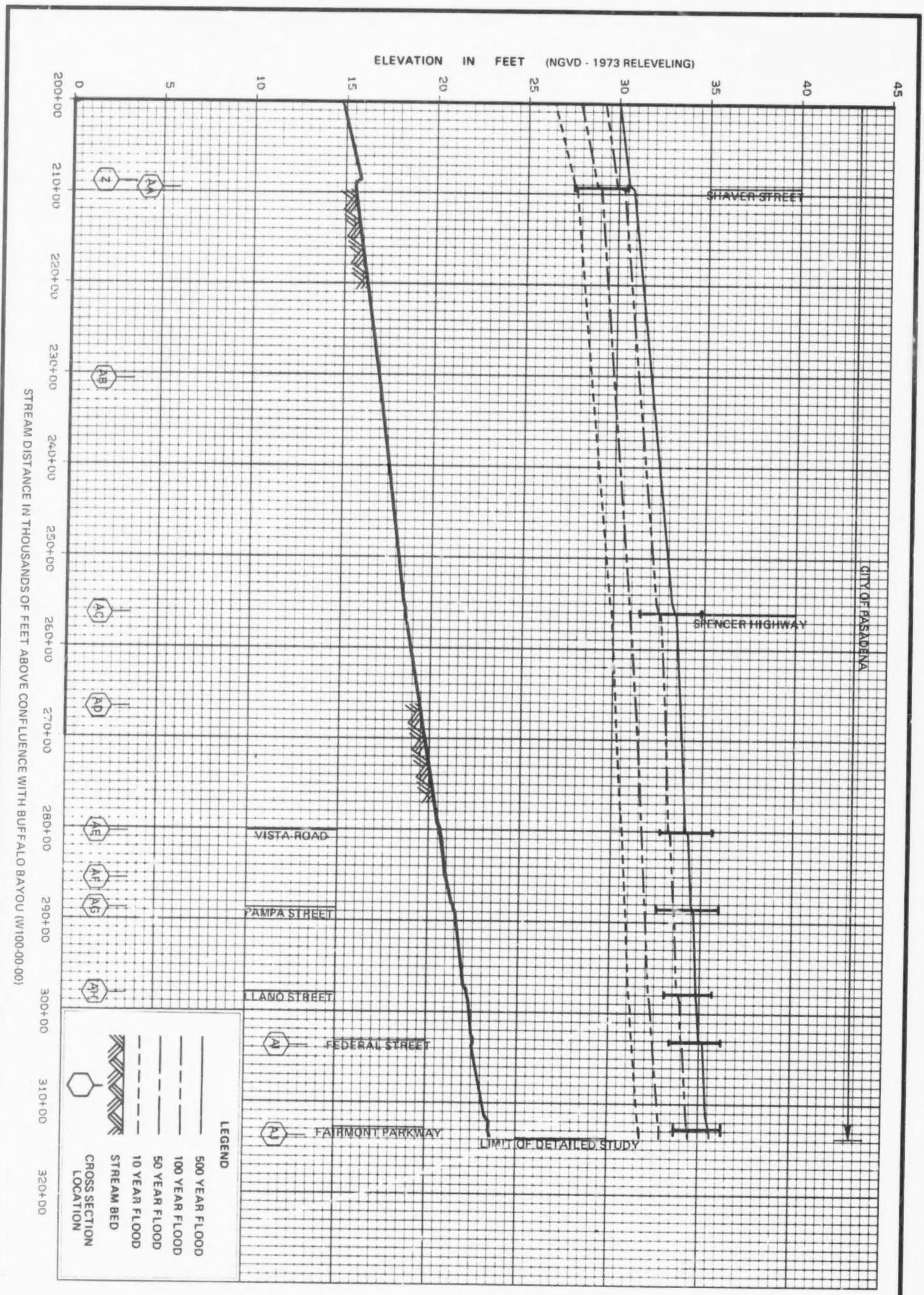
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

VINCE BAYOU (I100-00-00)

103P



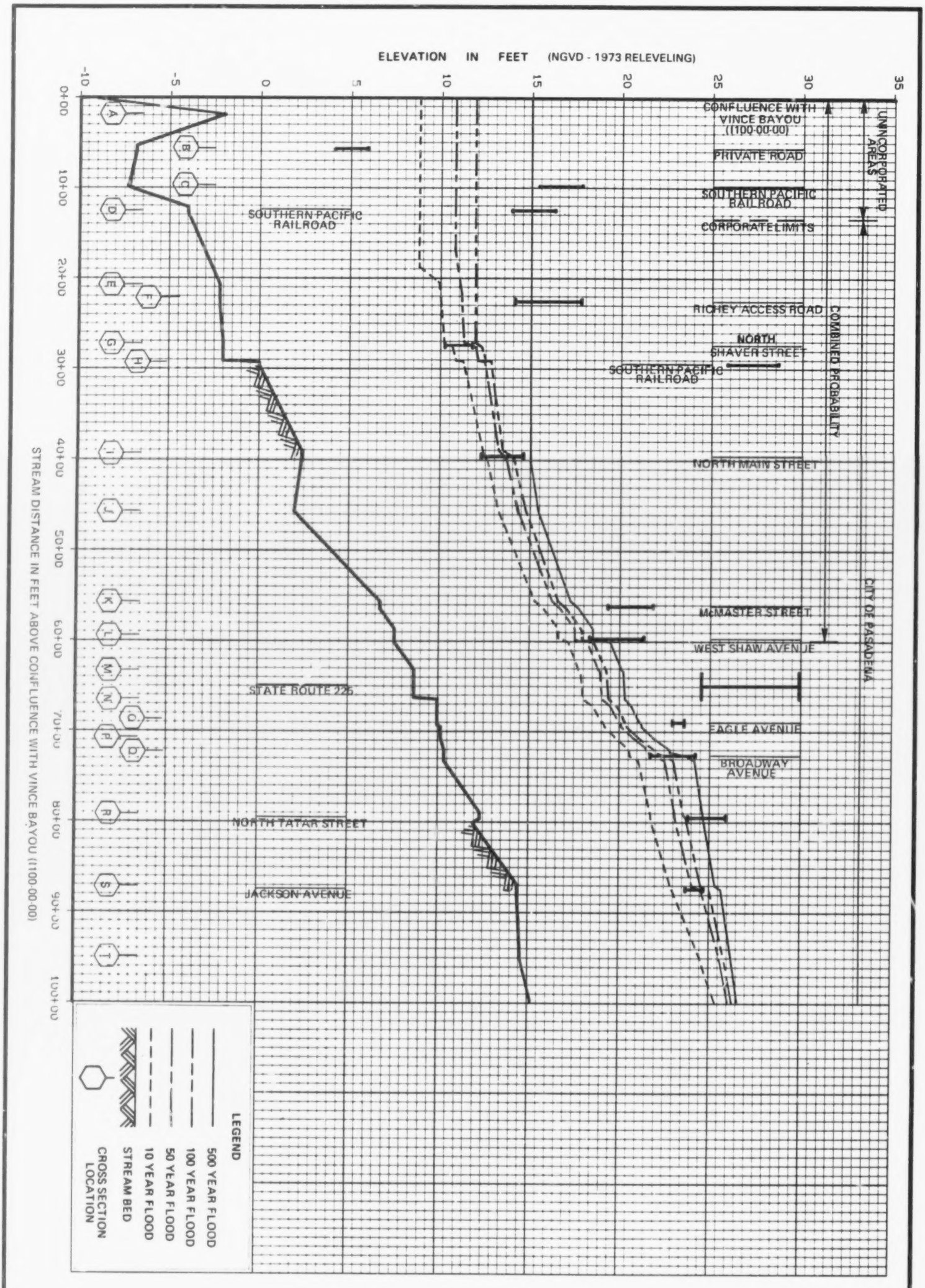
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

VINCE BAYOU (I100-00-00)

104P



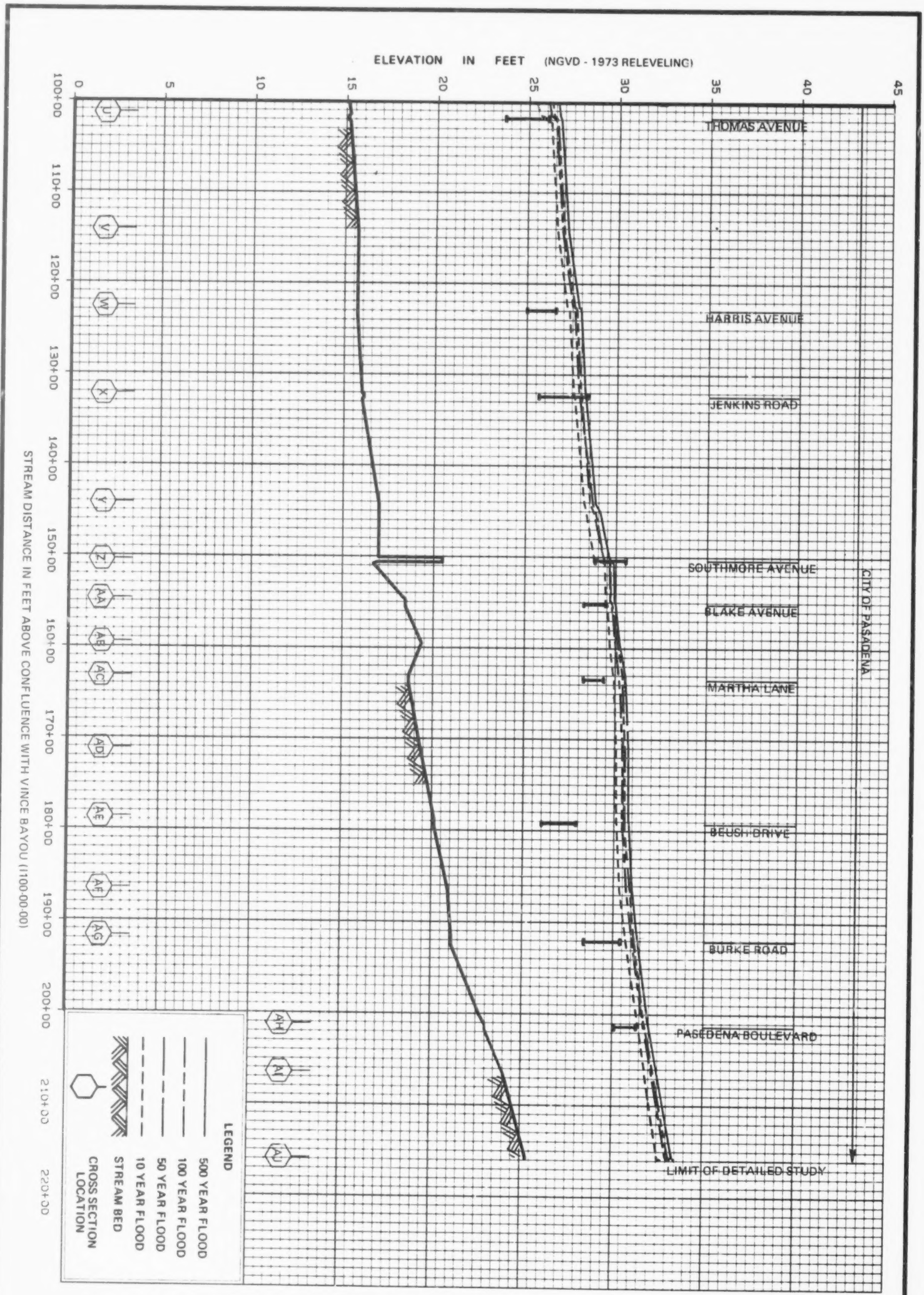
105P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

LITTLE VINCE BAYOU (1101-00-00)



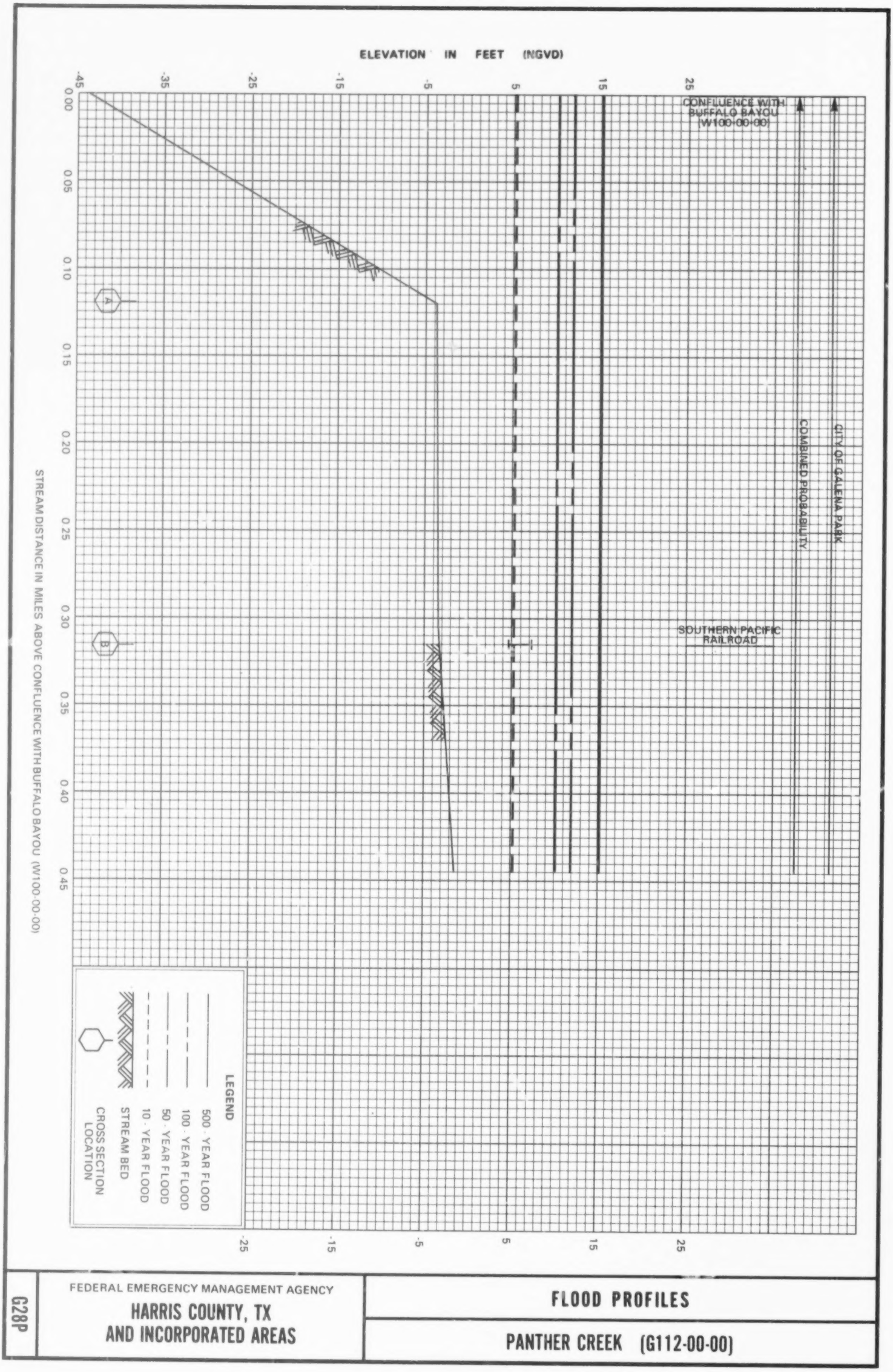
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

LITTLE VINCE BAYOU (1101-00-00)

106P



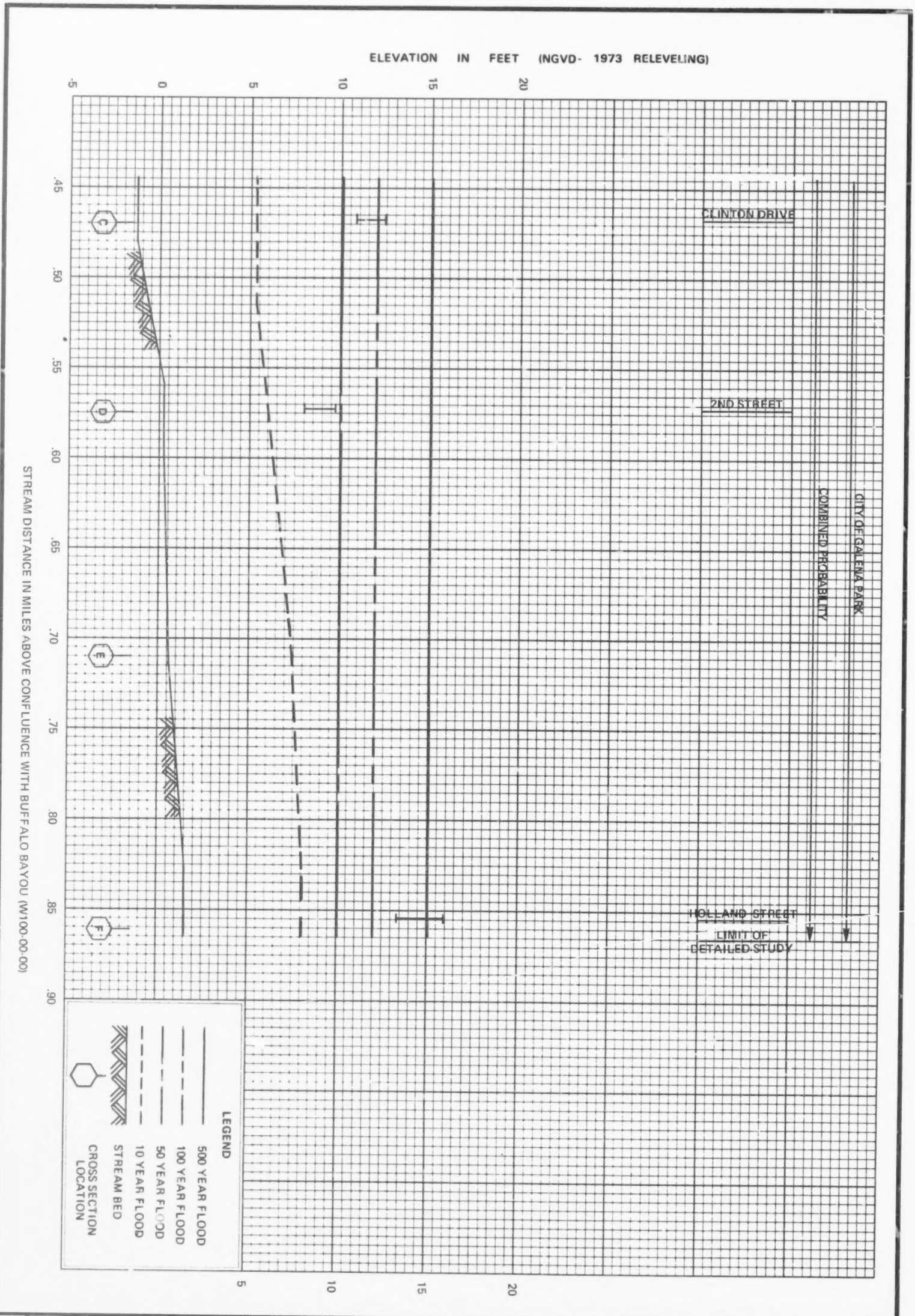
G28P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

PANTHER CREEK (G112-00-00)



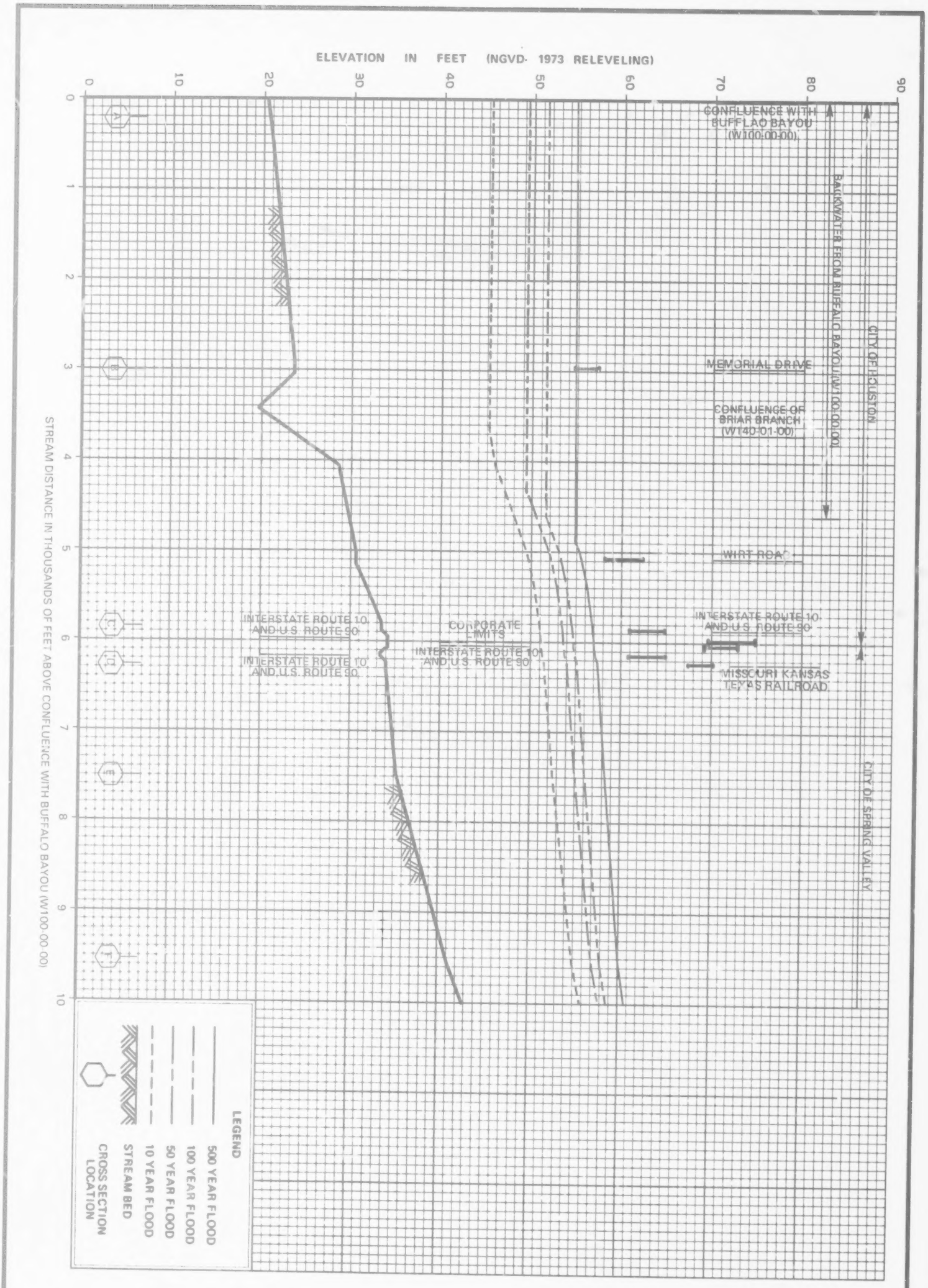
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

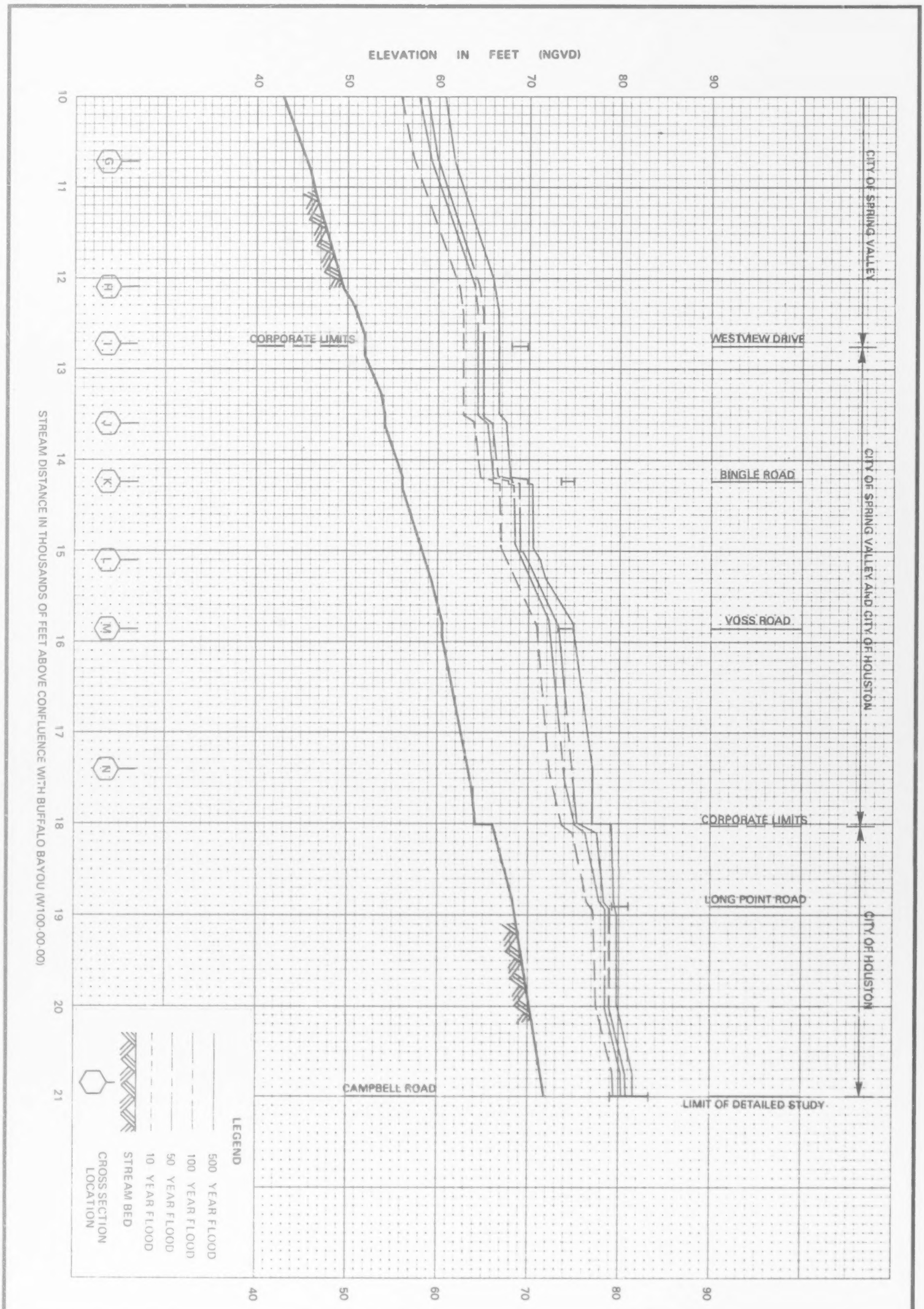
FLOOD PROFILES

PANTHER CREEK (G112-00-00)

G29P



W16P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES SPRING BRANCH (W140-00-00)



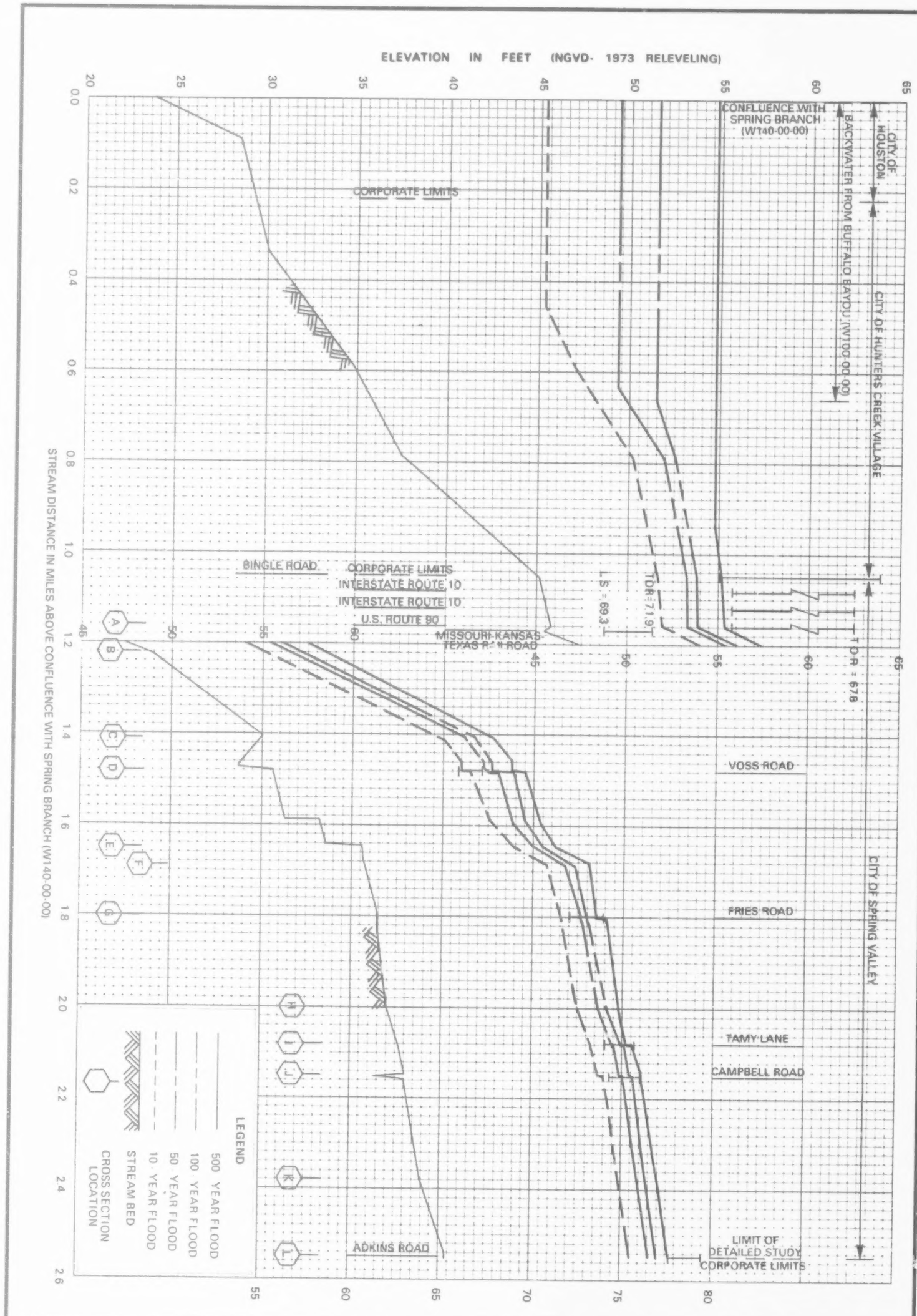
W17P

FEDERAL EMERGENCY MANAGEMENT AGENCY

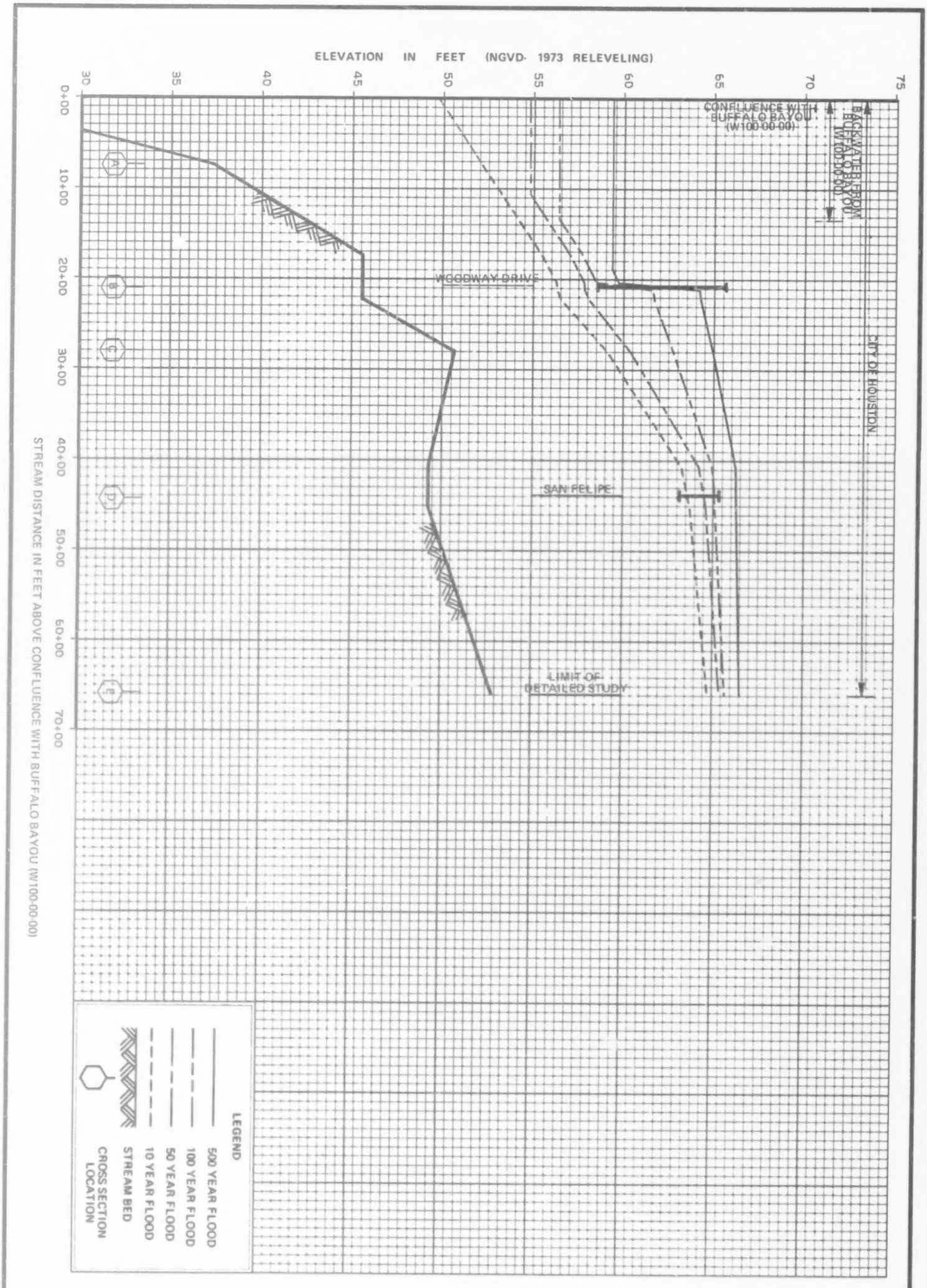
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

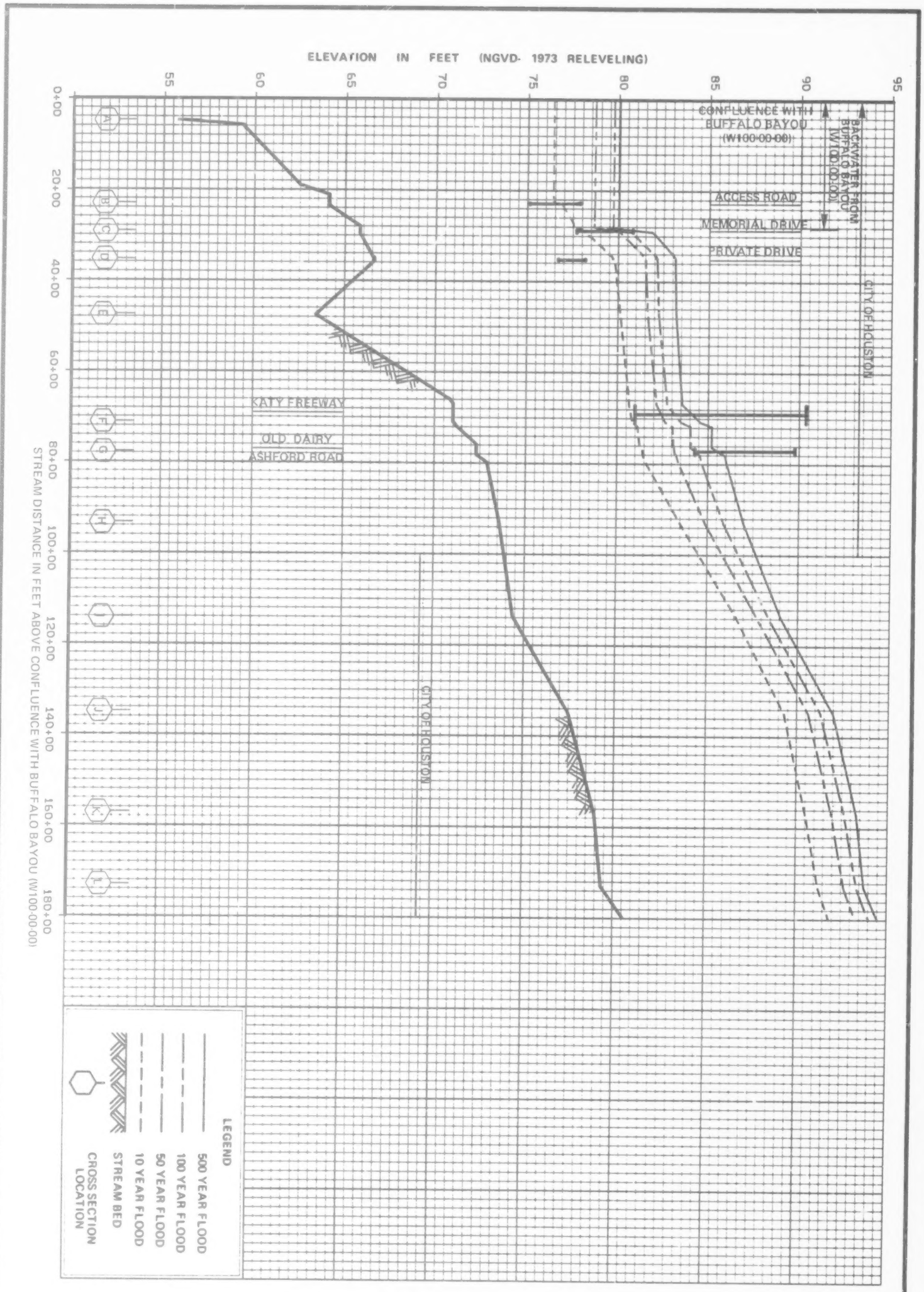
SPRING BRANCH (W140-00-00)



W18P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES BRIAR BRANCH (W140-01-00)



W19P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES BERING DITCH (W142-00-00)



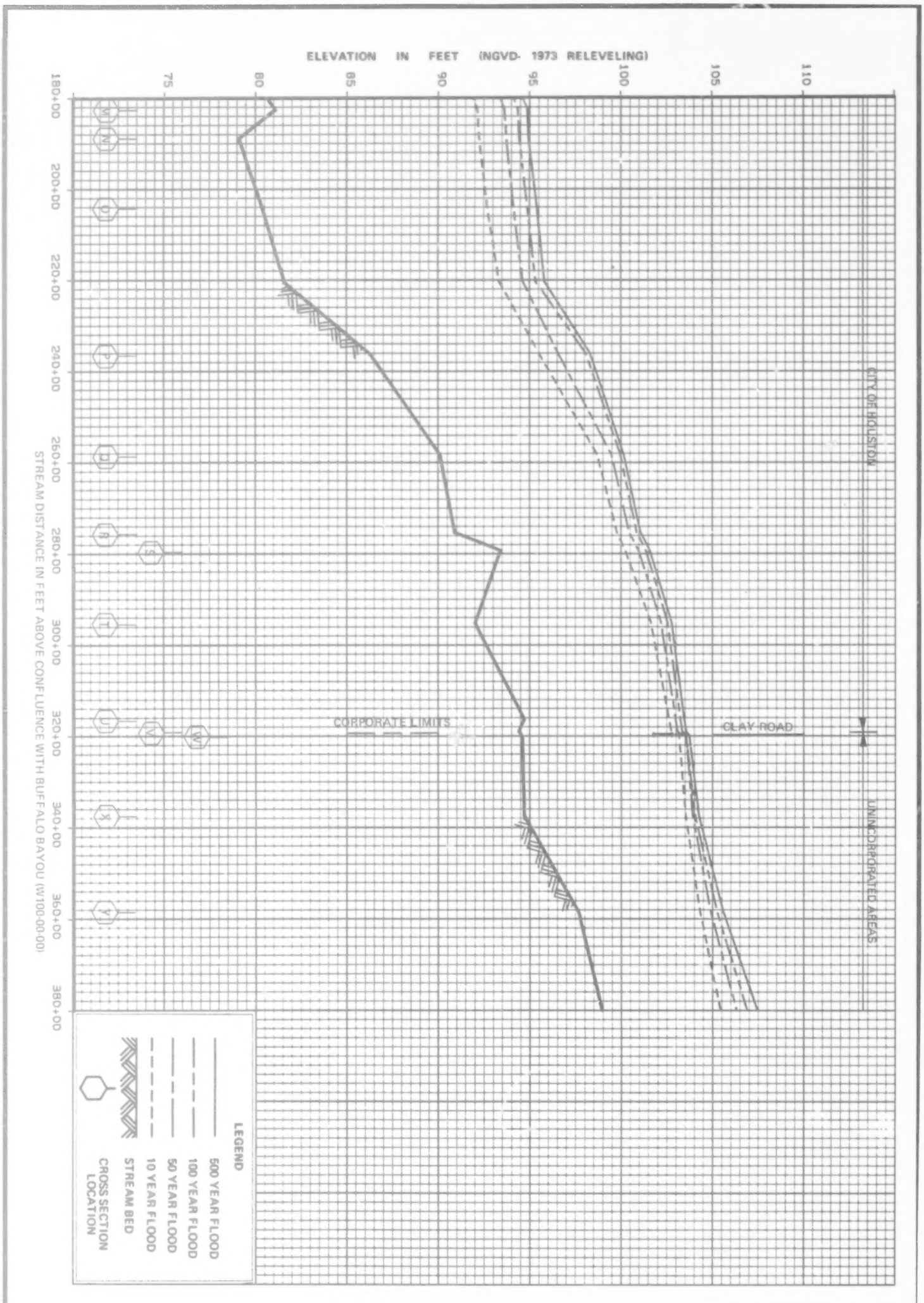
W20P

FEDERAL EMERGENCY MANAGEMENT AGENCY

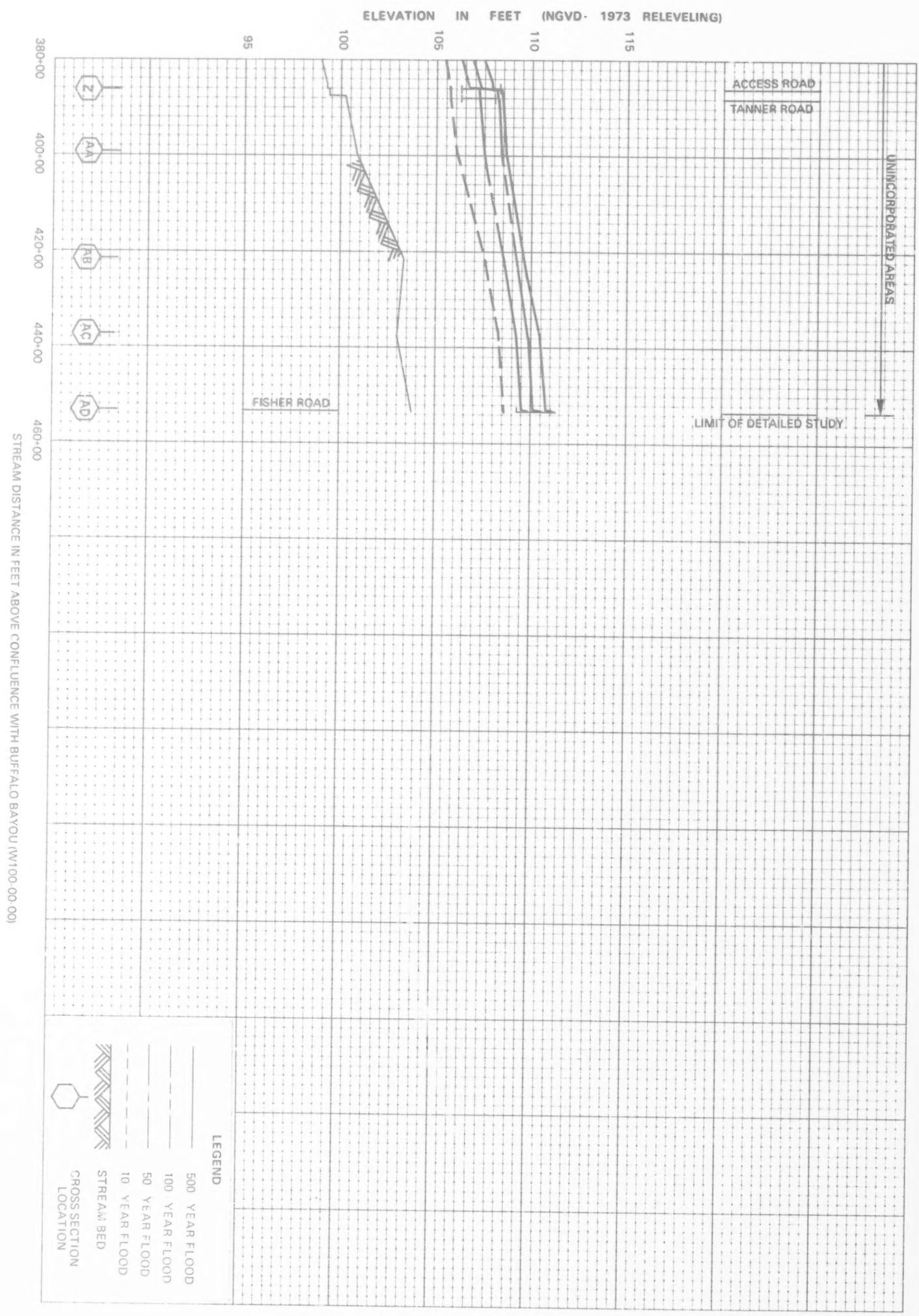
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TURKEY CREEK (W167-00-00)



W21P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES TURKEY CREEK (W167-00-00)



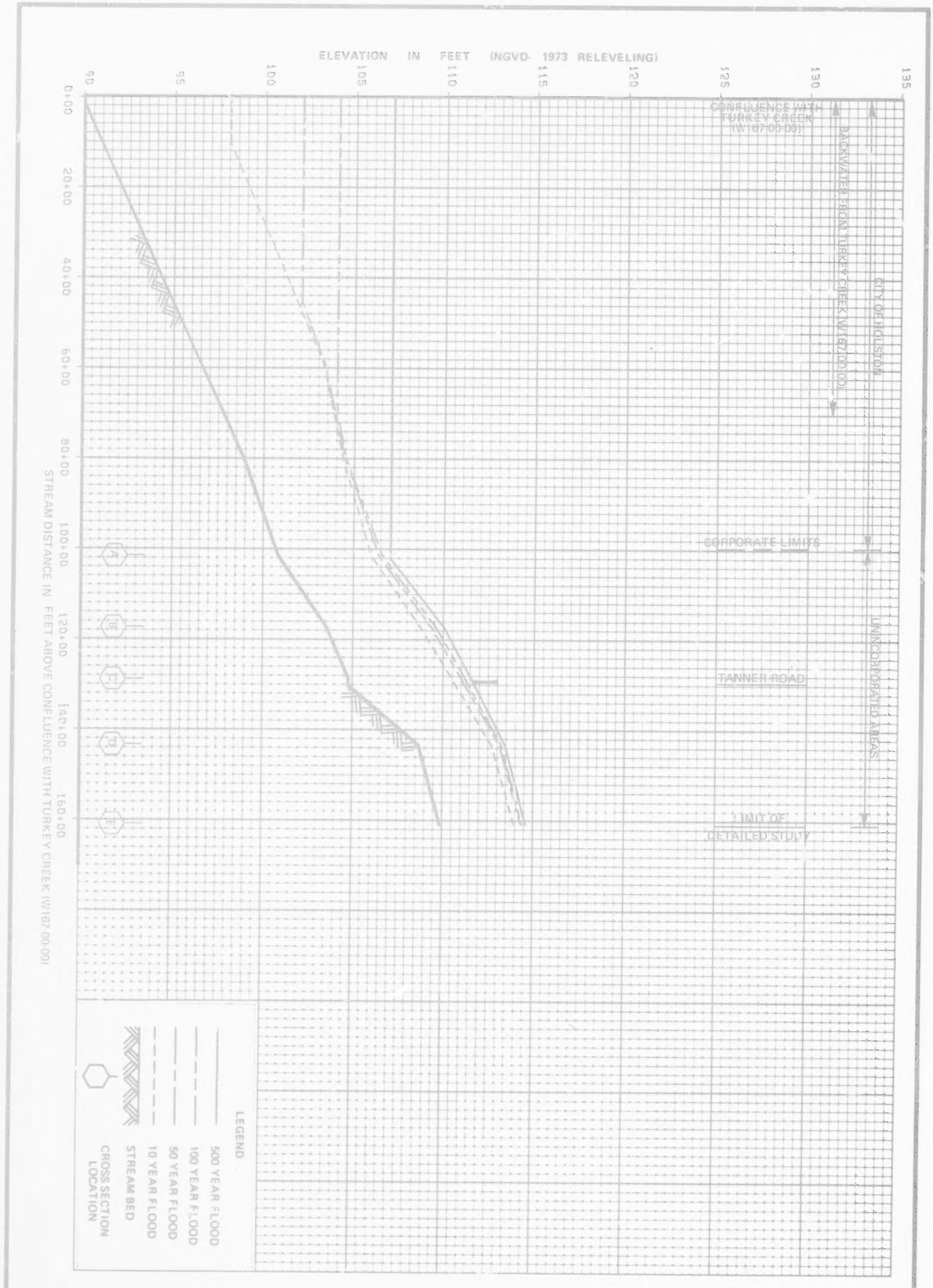
W22P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TURKEY CREEK (W167-00-00)



FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 3.9 TO TURKEY CREEK (W167-01-00)

W23P

CITY OF HOUSTON

UNINCORPORATED AREAS

BACKWATER FROM ADDICKS RESERVOIR

LIMIT OF INDEPENDENT ANALYSIS

CONFLUENCE OF MORSEPEN CREEK (U106-00-00)

CORPORATE LIMITS

ADDICKS SATSUMA ROAD

STATE ROUTE 6

WEST LITTLE YORK ROAD

ELEVATION IN FEET (NGVD, 1973 RELEVELING)

120
115
110
105
100
95
90
85

A B C D E F G H I J

15550 17550 19550 21550 23550 25550 27550 29550 31550 33550 35550

STREAM DISTANCE IN FEET ABOVE CONFLUENCE OF BEAR CREEK (U102-00-00)

LEGEND

500 YEAR FLOOD
100 YEAR FLOOD
50 YEAR FLOOD
10 YEAR FLOOD
STREAM BED
CROSS SECTION LOCATION

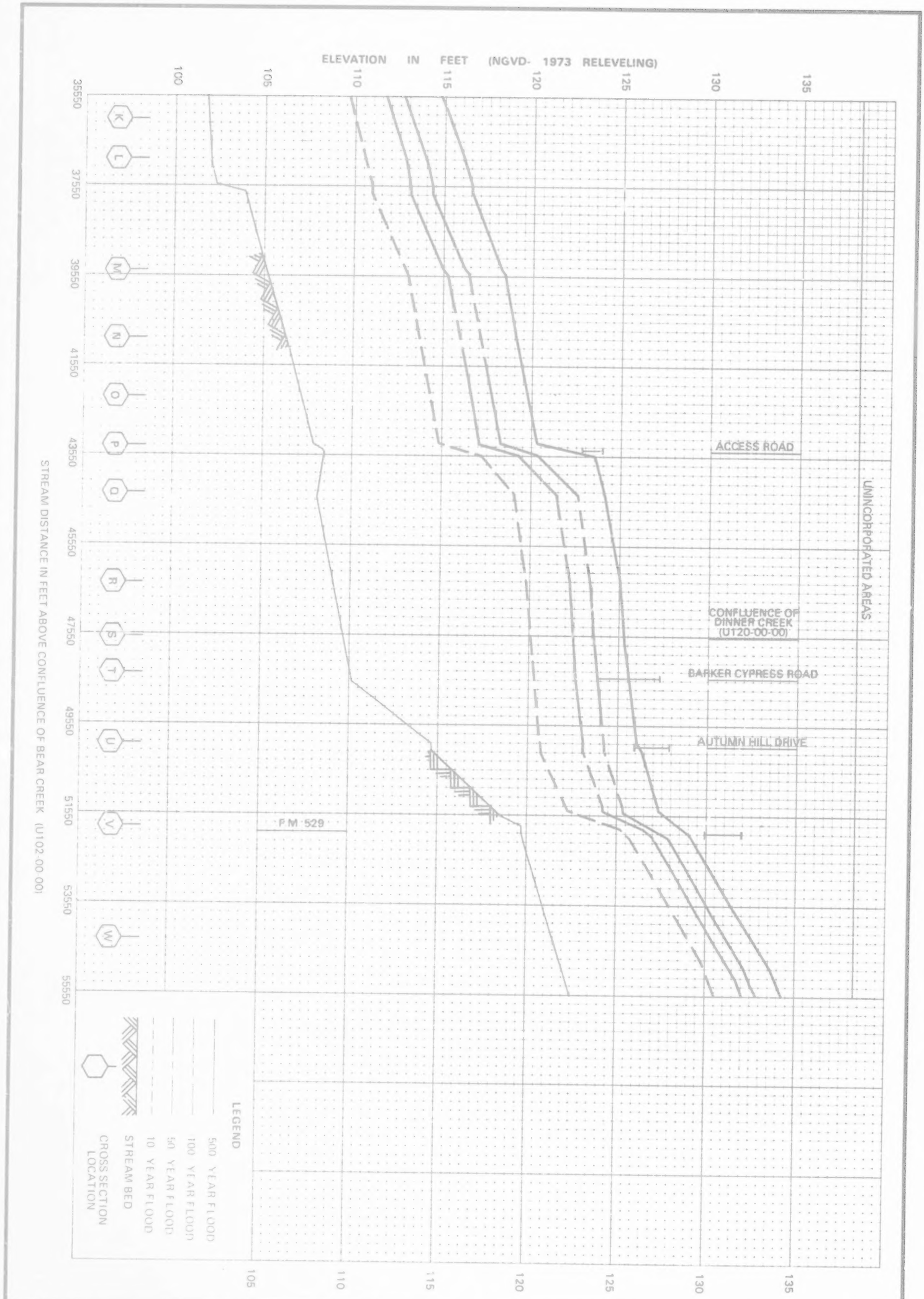
FLOOD PROFILES

LANGHAM CREEK (U100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U01P



U02P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

LANGHAM CREEK (U100-00-00)

UNINCORPORATED AREAS

ACCESS ROAD

ACCESS ROAD

ACCESS ROAD

ACCESS ROAD

ELEVATION IN FEET (NGVD- 1973 RELEVELING)

160
155
150
145
140
135
130
125
120
115

X
Y
Z
AA
AB
AC
AD
AE
AF
AG

55550
57550
59550
61550
63550
65550
67550
69550
71550
73550
75550

STREAM DISTANCE IN FEET ABOVE CONFLUENCE OF BEAR CREEK (U102 00 00)

LEGEND

500 YEAR FLOOD
100 YEAR FLOOD
50 YEAR FLOOD
10 YEAR FLOOD
STREAM BED
CROSS SECTION LOCATION

FLOOD PROFILES

LANGHAM CREEK (U100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U03P

UNINCORPORATED AREAS

LIMIT OF DETAILED STUDY

ELEVATION IN FEET (NGVD- 1973 RELEVELING)

175
170
165
160
155
150
145
140
135
130

75550 77550 79550 81550 83550 85550 87550 89550 91550

AH AI AJ AK

STREAM DISTANCE IN FEET ABOVE CONFLUENCE OF BEAR CREEK (U102-00-00)

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

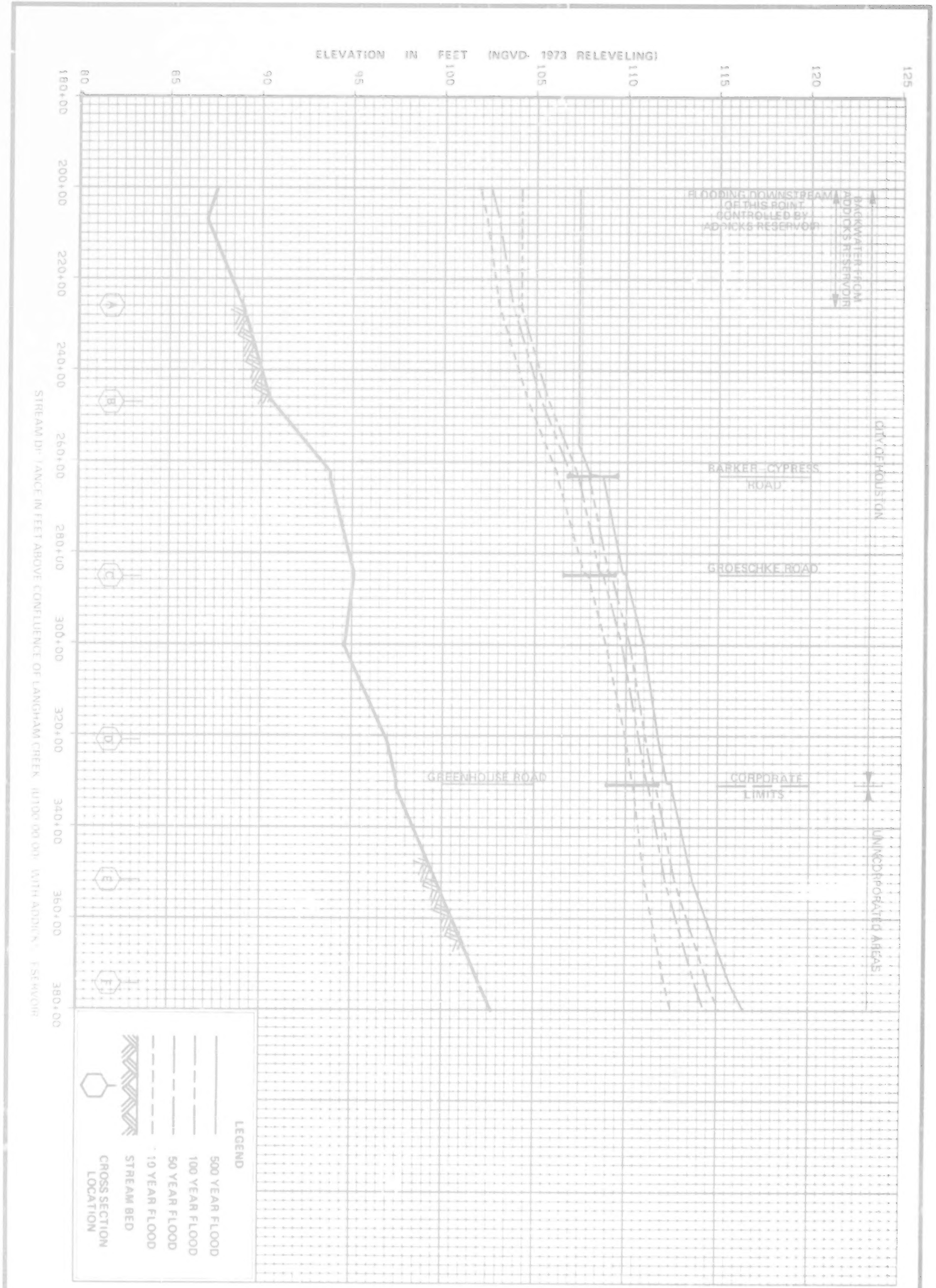
FLOOD PROFILES

LANGHAM CREEK (U100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U04P



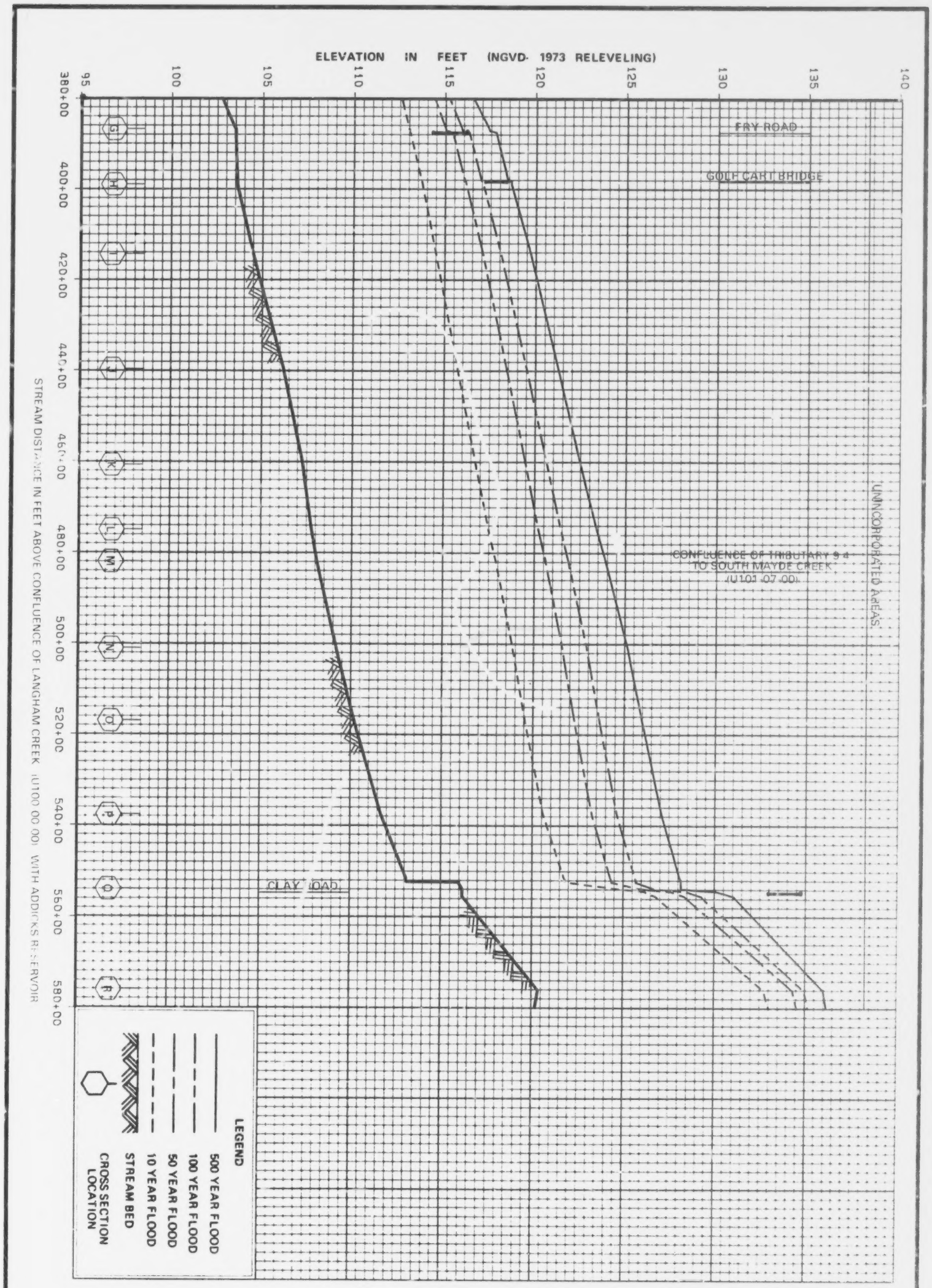
U05P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

SOUTH MAYDE CREEK (U101-00-00)



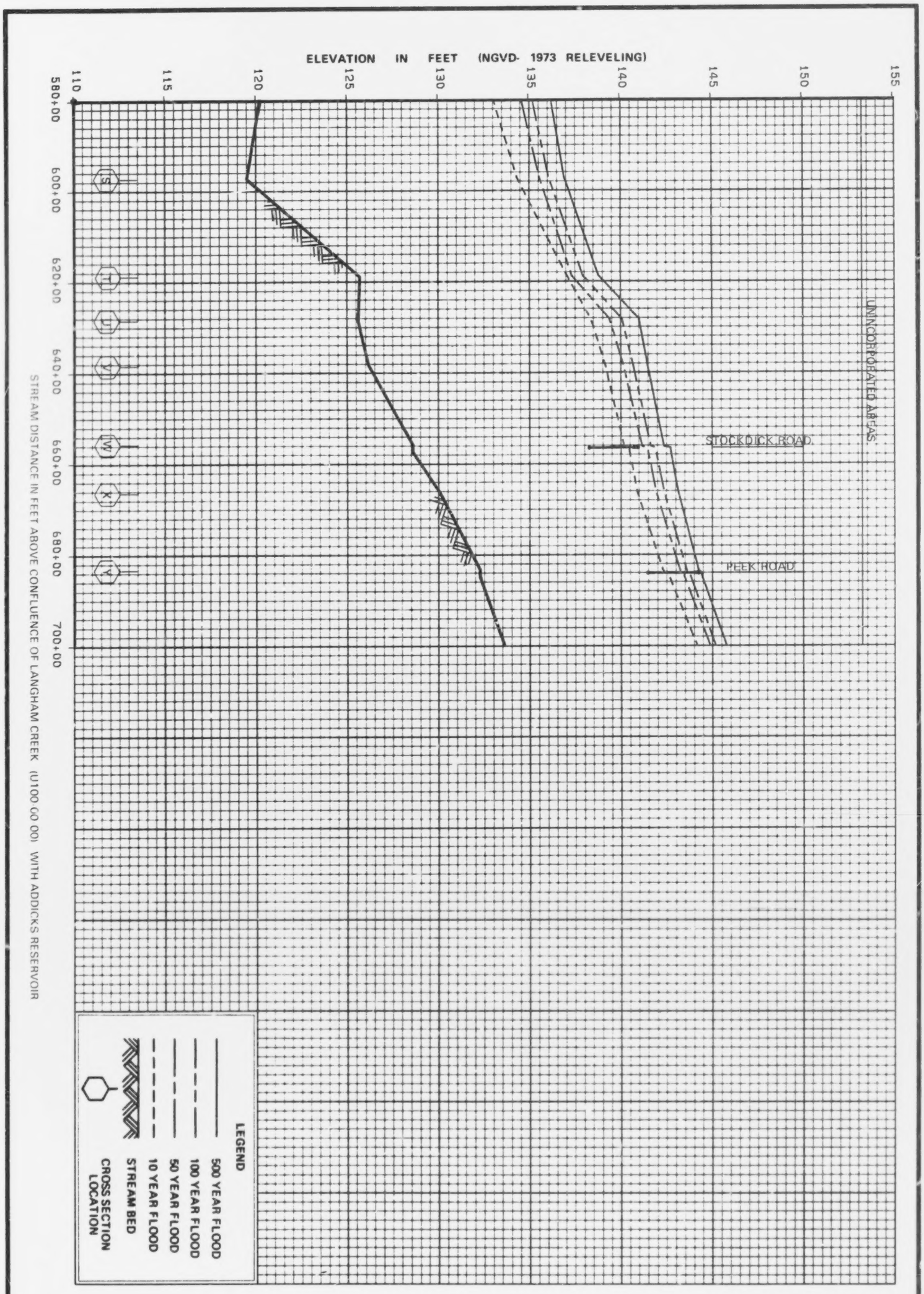
U06P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

SOUTH MAYDE CREEK (U101-00-00)



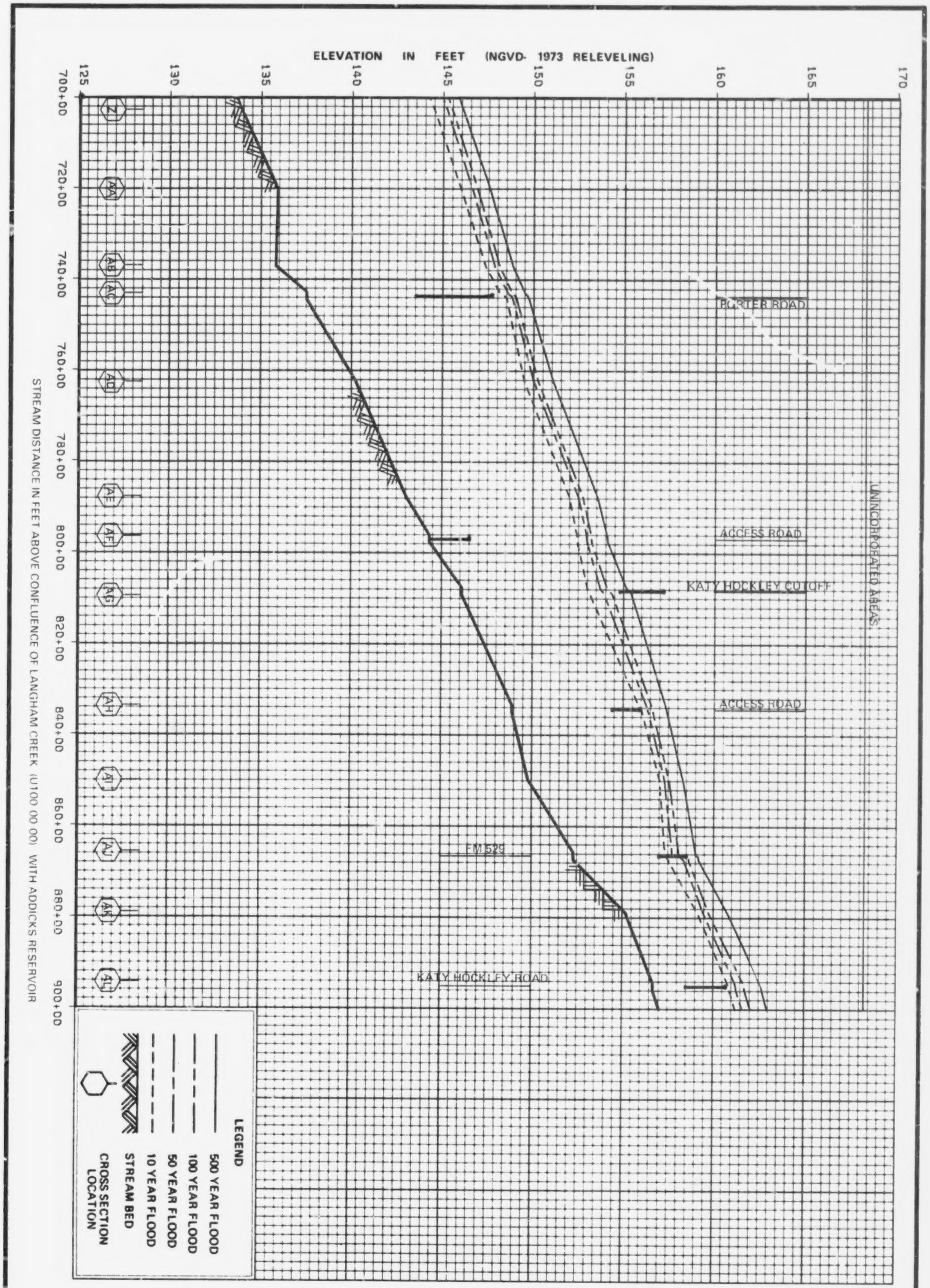
U07P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

SOUTH MAYDE CREEK (U101-00-00)



U08P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES SOUTH MAYDE CREEK (U101-00-00)

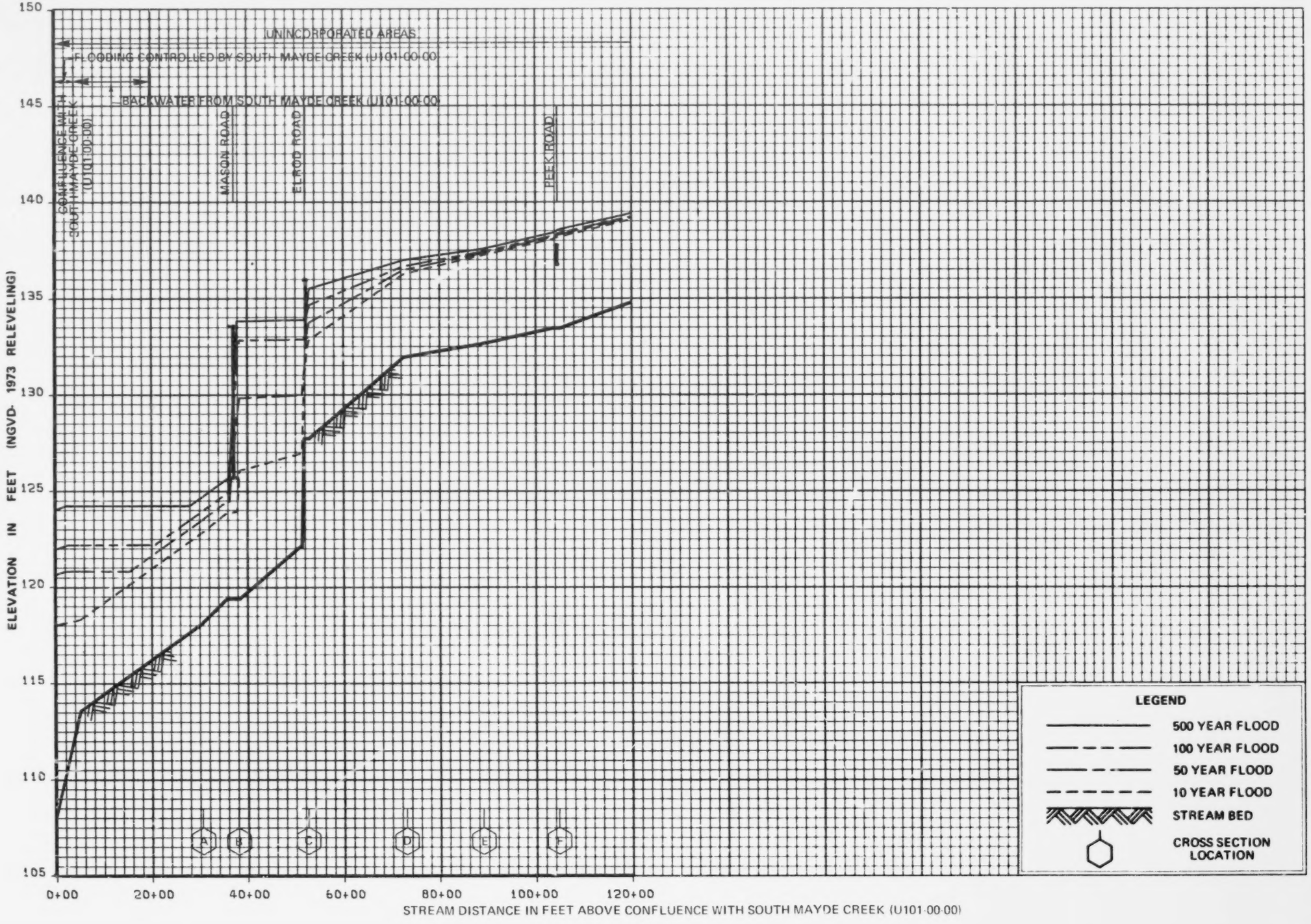
FLOOD PROFILES

SOUTH MAYDE CREEK (U101-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U09P



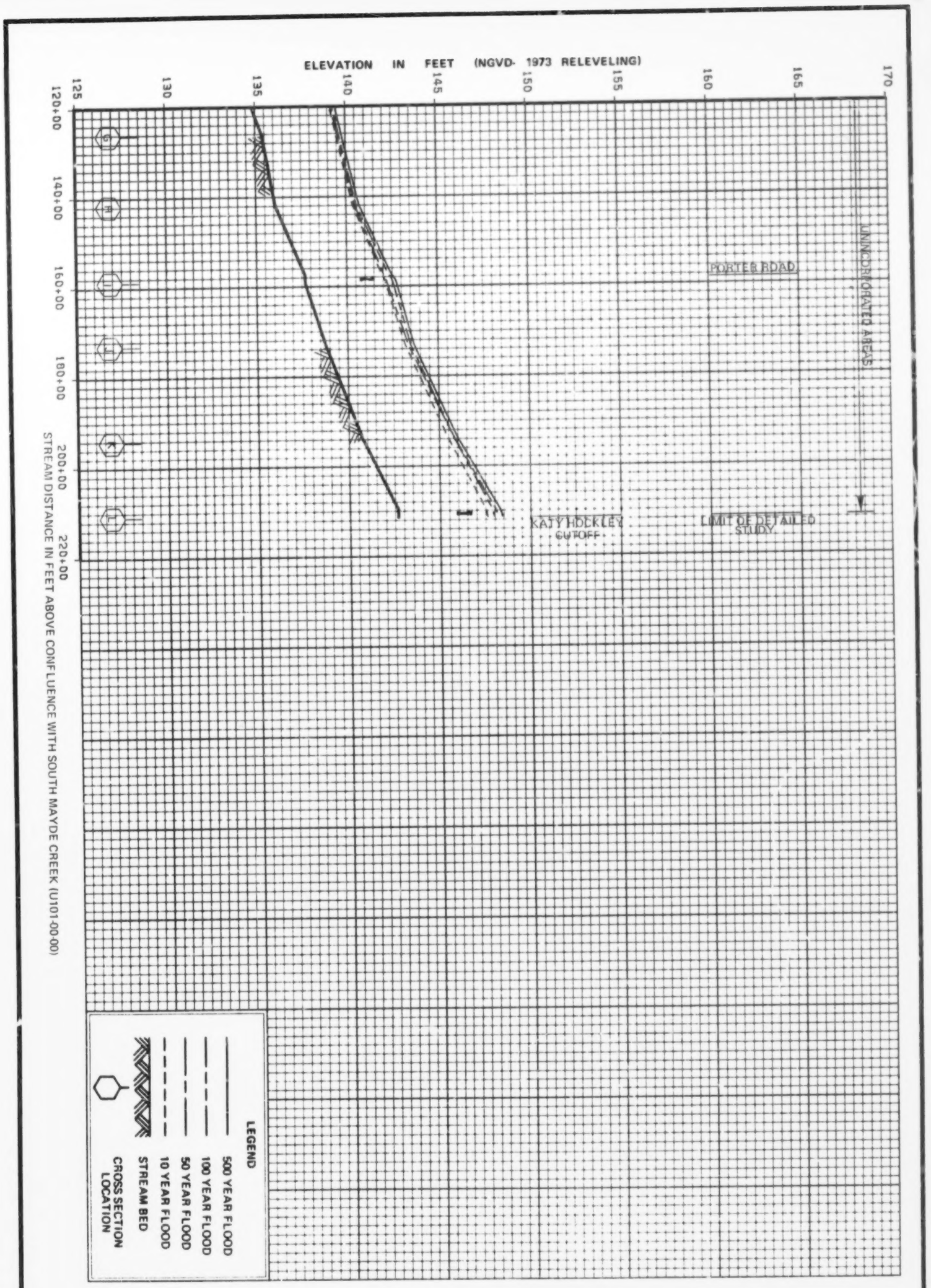
FLOOD PROFILES

TRIBUTARY 9.4 TO SOUTH MAYDE CREEK (U101-07-01)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U10P



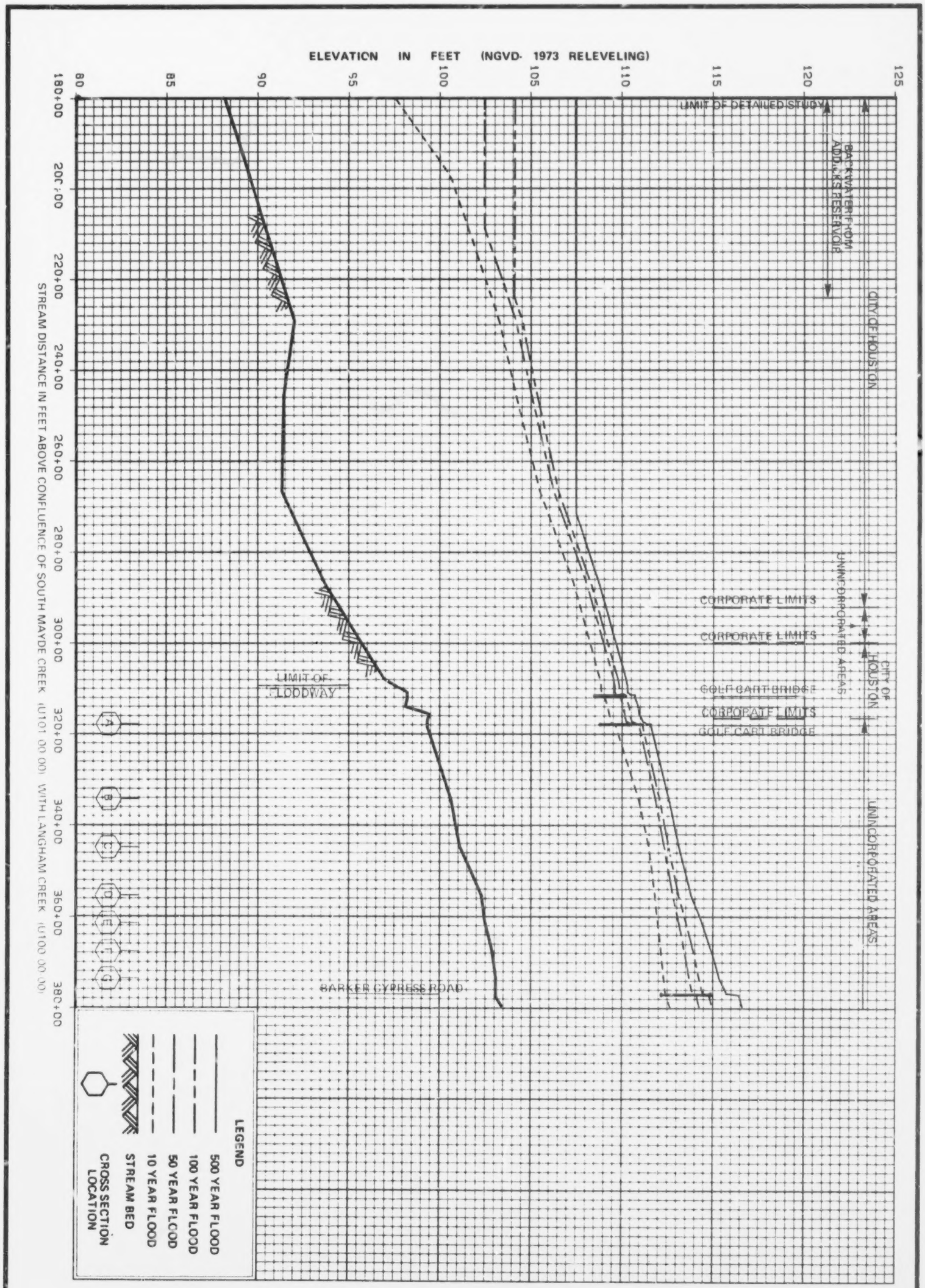
U11P

FEDERAL EMERGENCY MANAGEMENT AGENCY

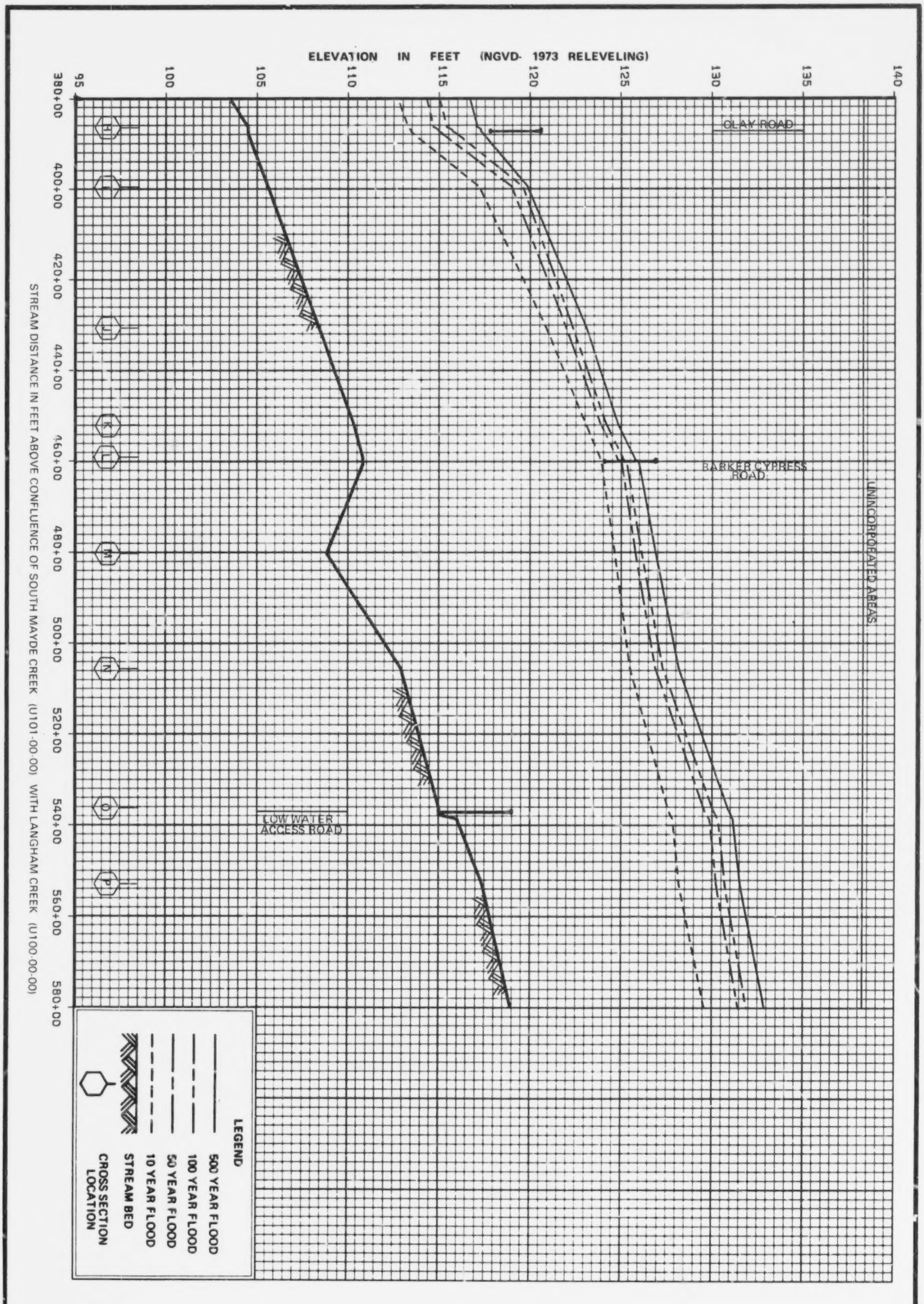
HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 9.4 TO SOUTH MAYDE CREEK (U101-07-01)



U12P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES BEAR CREEK (U102-00-00)



FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

BEAR CREEK (U102-00-00)

U13P

UNINCORPORATED AREAS

ELEVATION IN FEET (NGVD- 1973 RELEVELING)

155
150
145
140
135
130
125
120
115
110

580+00 600+00 620+00 640+00 660+00 680+00 700+00 720+00 740+00 760+00 780+00

STREAM DISTANCE IN FEET ABOVE CONFLUENCE OF SOUTH MAYDE CREEK (U101-00-00) WITH LANGHAM CREEK (U10[illegible]-00-00)

STOCKDICK ROAD

Q R S T U V W X Y Z AA AB

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

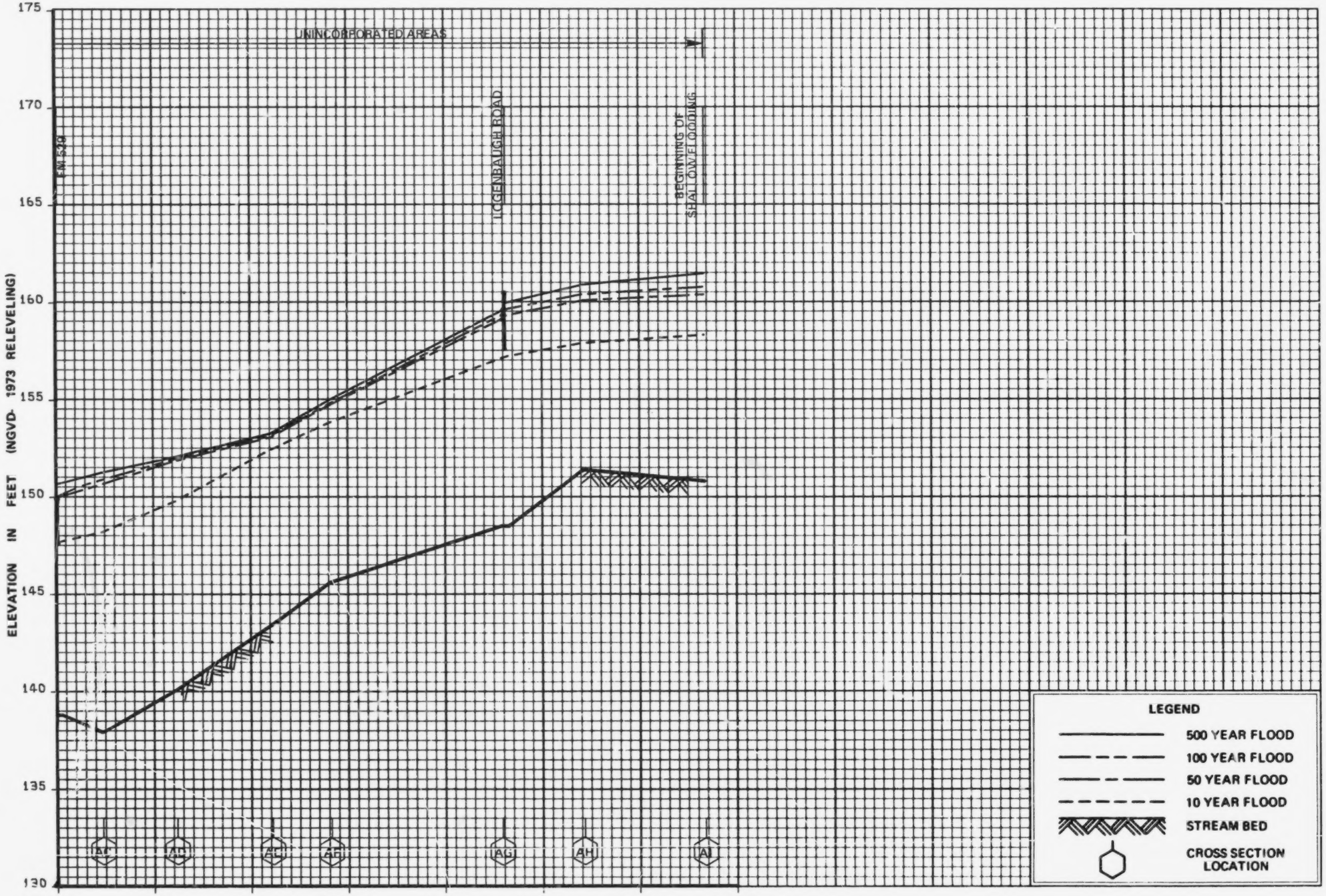
FLOOD PROFILES

BEAR CREEK (U102-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U14P



STREAM DISTANCE IN FEET ABOVE CONFLUENCE OF SOUTH MAYDE CREEK (U101-00-00) WITH LANGHAM CREEK (U10(00-00)

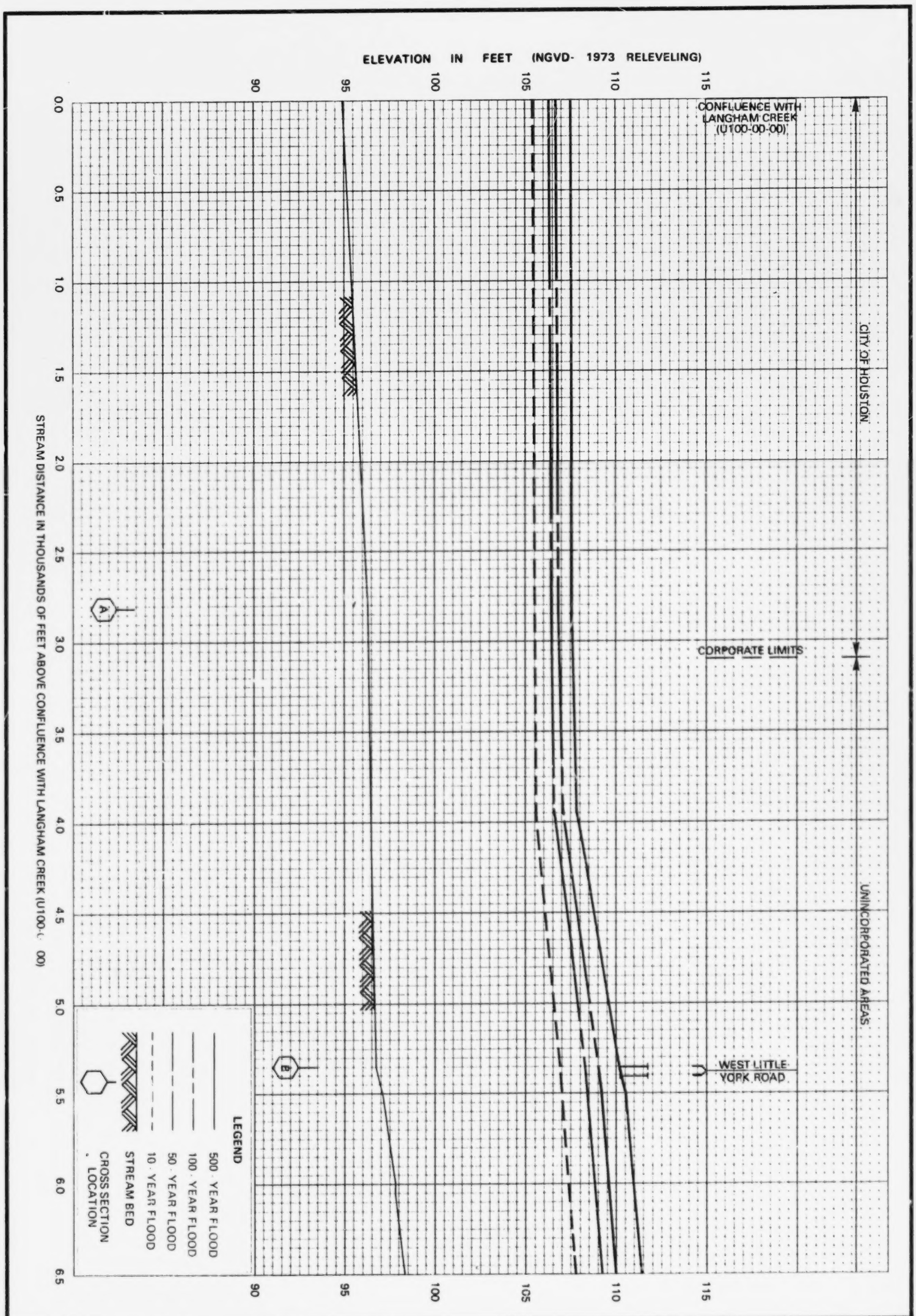
FLOOD PROFILES

BEAR CREEK (U102-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U15P



U16P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

HORSEPEN CREEK (U106-00-00)

UNINCORPORATED AREAS

F.M. 529

ELEVATION IN FEET (NGVD- 1973 RELEVELING)

125
120
115
110
105
100
95

6.5 7.0 7.5 8.0 8.5 9.0 9.5 10.0 10.5 11.0 11.5 12.0 12.5 13.0

STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CONFLUENCE WITH LANGHAM CREEK (U100-00-00)

LEGEND

- 500 - YEAR FLOOD
- 100 - YEAR FLOOD
- 50 - YEAR FLOOD
- 10 - YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

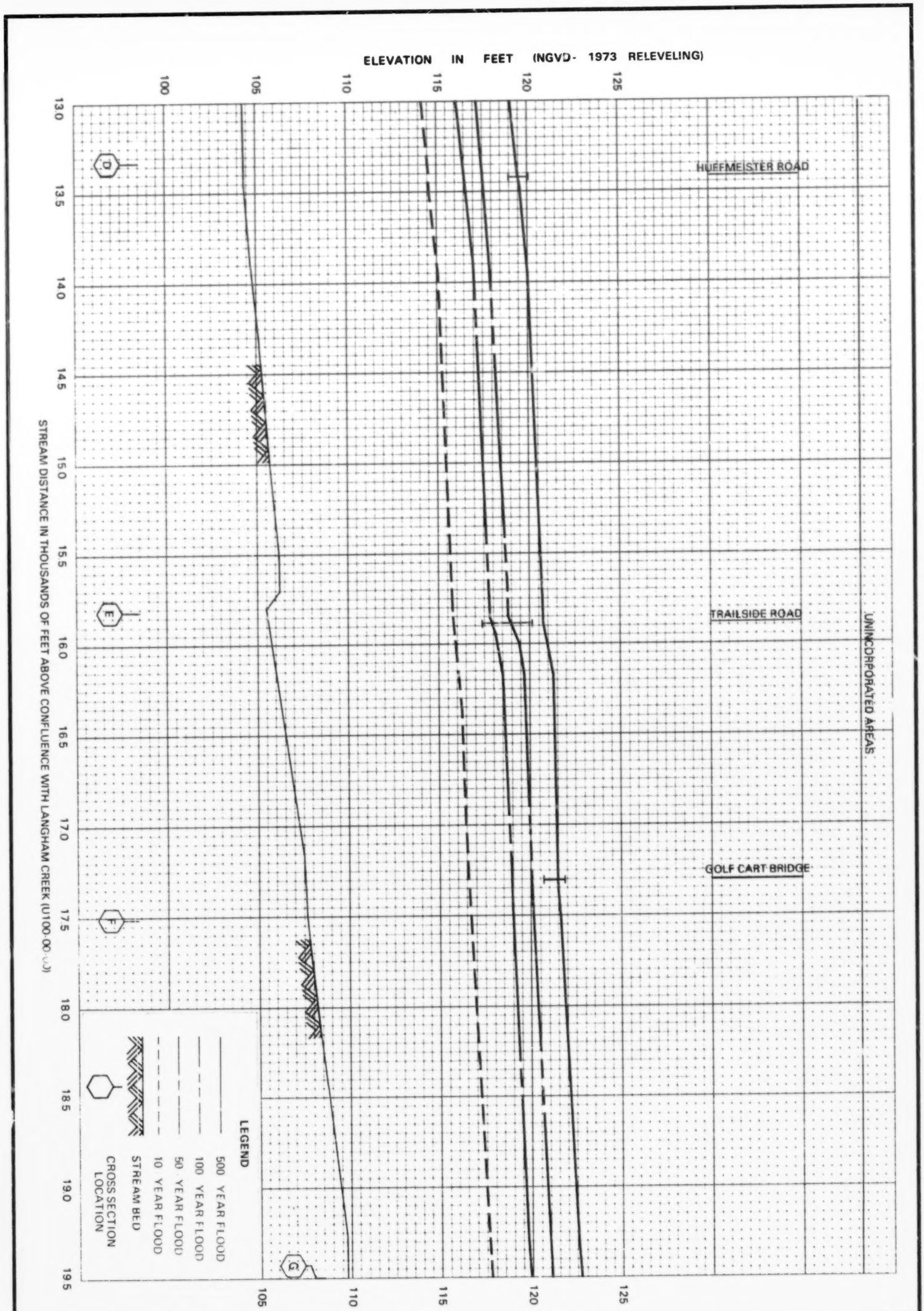
FLOOD PROFILES

HORSEPEN CREEK (U106-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U17P



U18P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

HORSEPEN CREEK (U106-00-00)

UNINCORPORATED AREAS

STATE ROUTE 6

ELEVATION IN FEET (NGVD- 1973 RELEVELING)

130
125
120
115
110
105

G
H

19.5 20.0 20.5 21.0 21.5 22.0

STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CONFLUENCE WITH LANGHAM CREEK (U100-00-00)

LEGEND

- 500 YEAR FLOOD
- 100 YEAR FLOOD
- 50 YEAR FLOOD
- 10 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

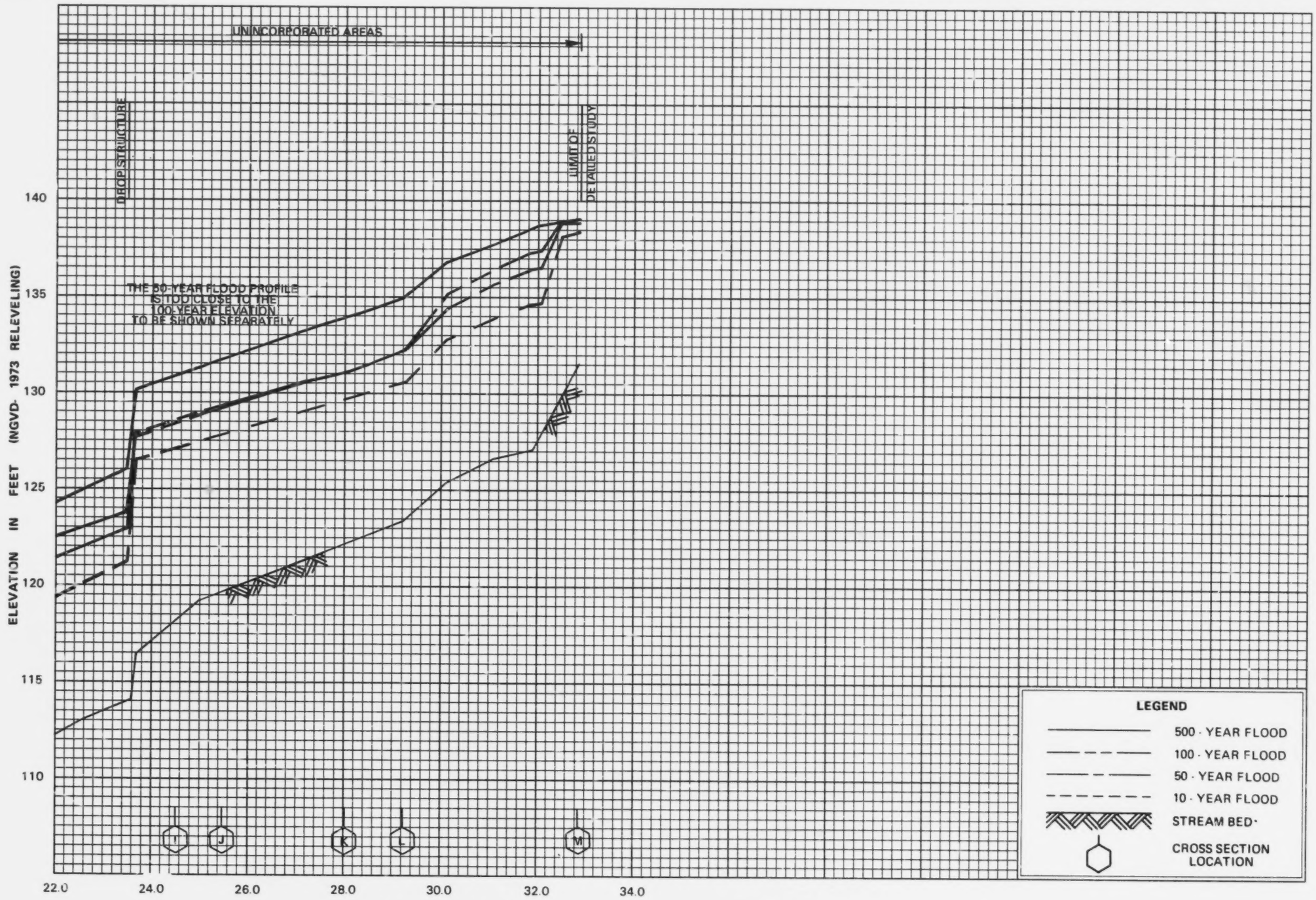
FLOOD PROFILES

HORSEPEN CREEK (U106-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U19P



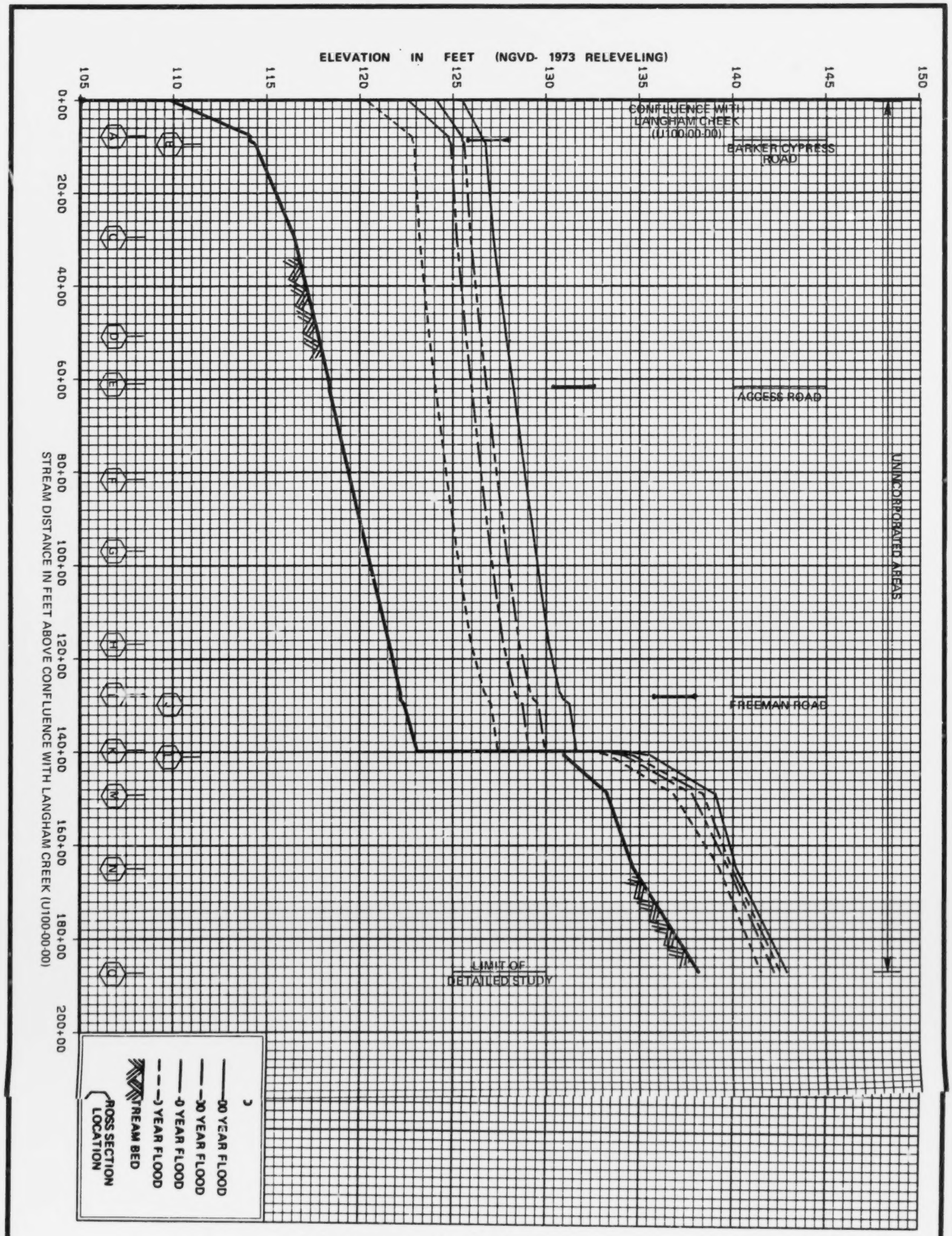
FLOOD PROFILES

HORSEPEN CREEK (U106-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

U20P



U21P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES DINNER CREEK (U120-00-00)

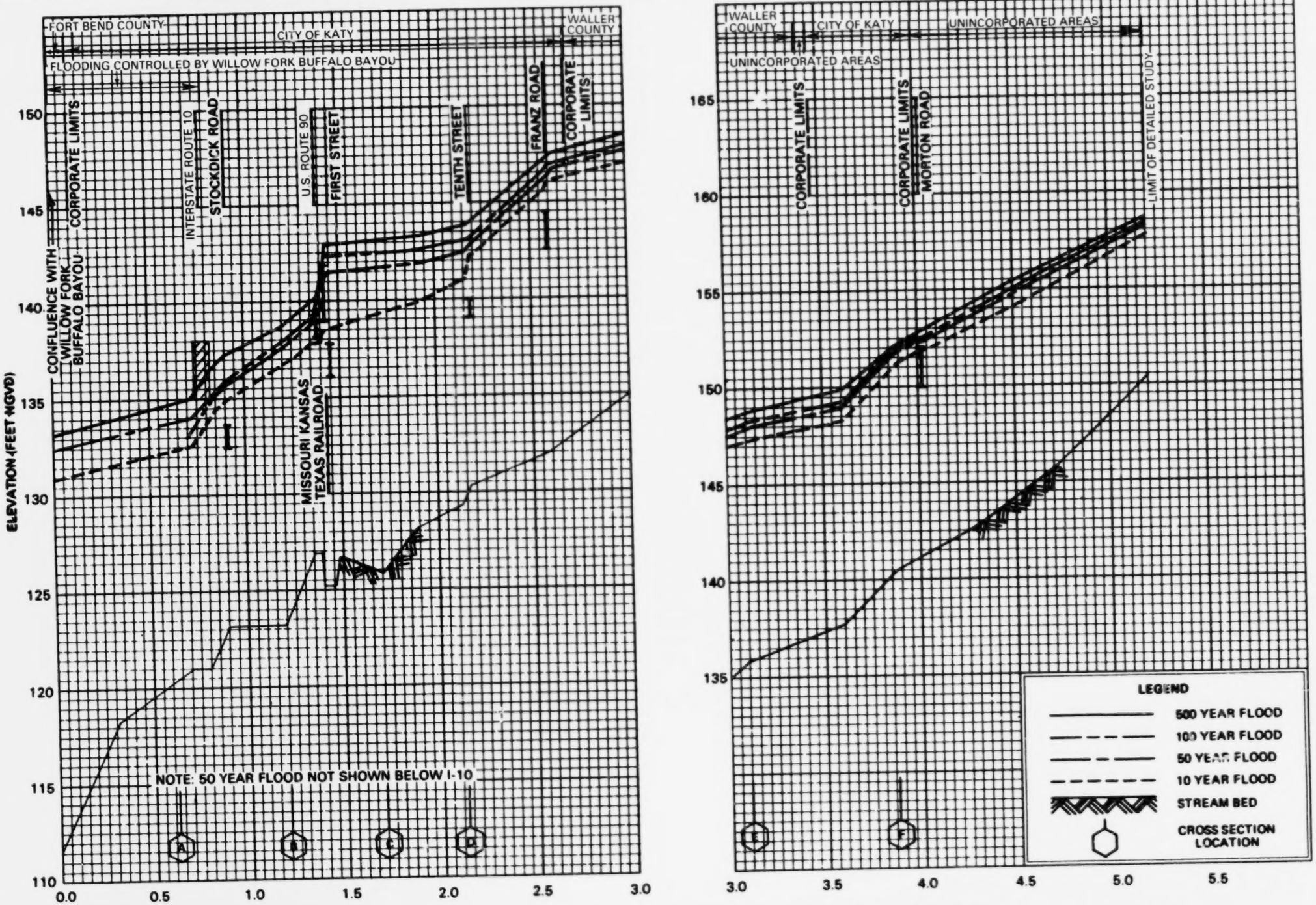
FLOOD PROFILES

CLODINE DITCH

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

W24P



FLOOD PROFILES

CANE ISLAND BRANCH (T100-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

T01P

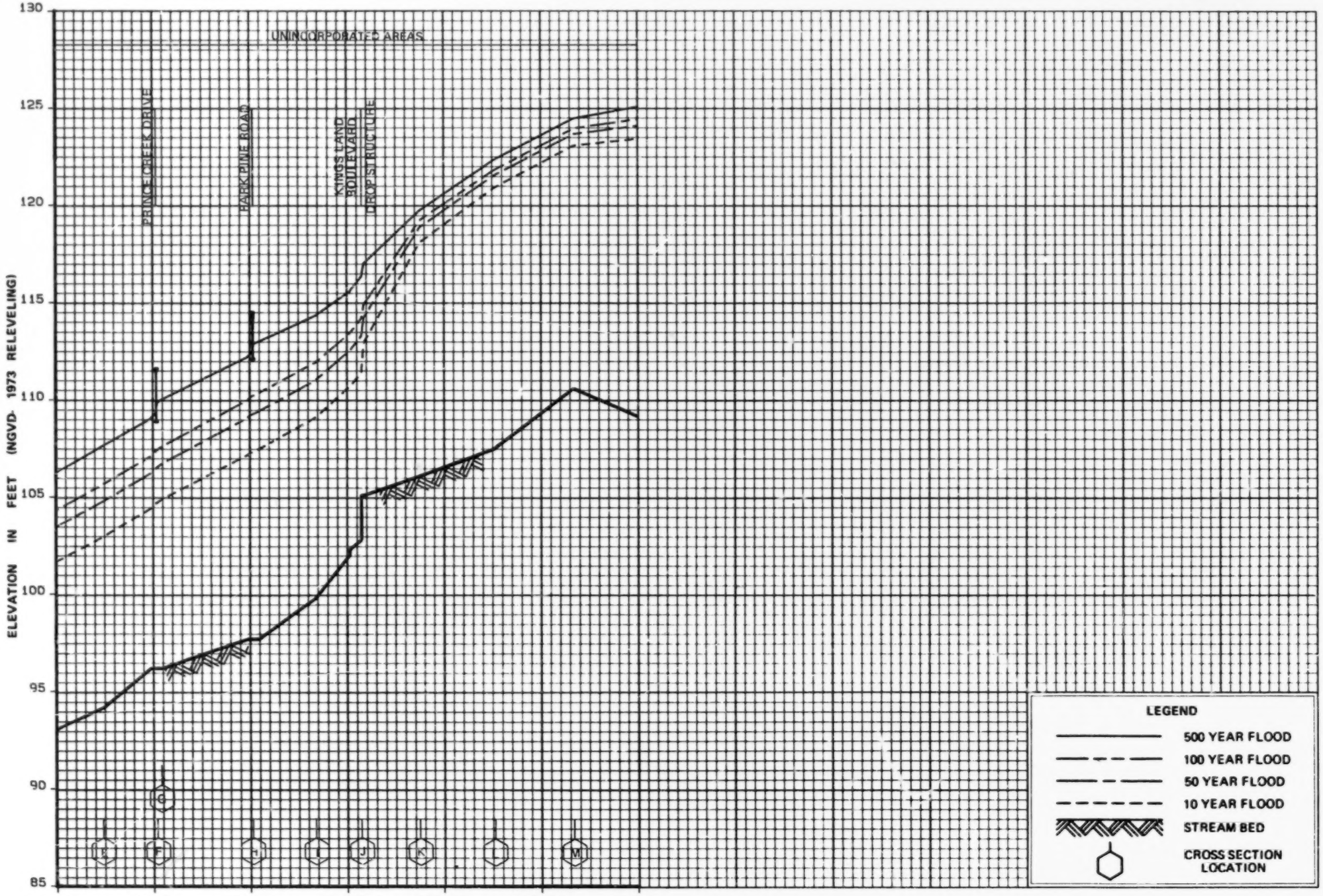
FLOOD PROFILES

MASON CREEK (T101-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

T02P



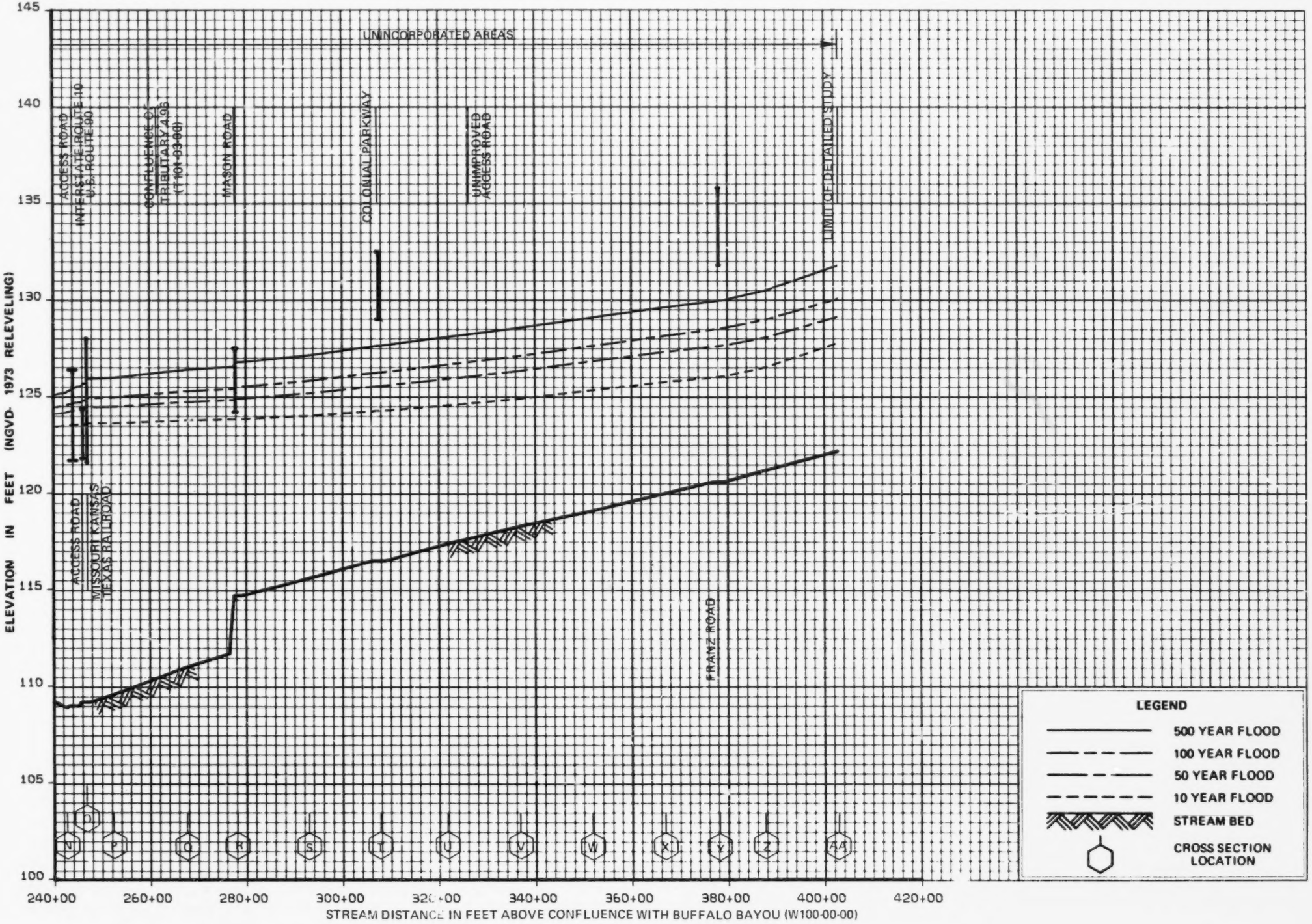
FLOOD PROFILES

MASON CREEK (T101-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

T03P



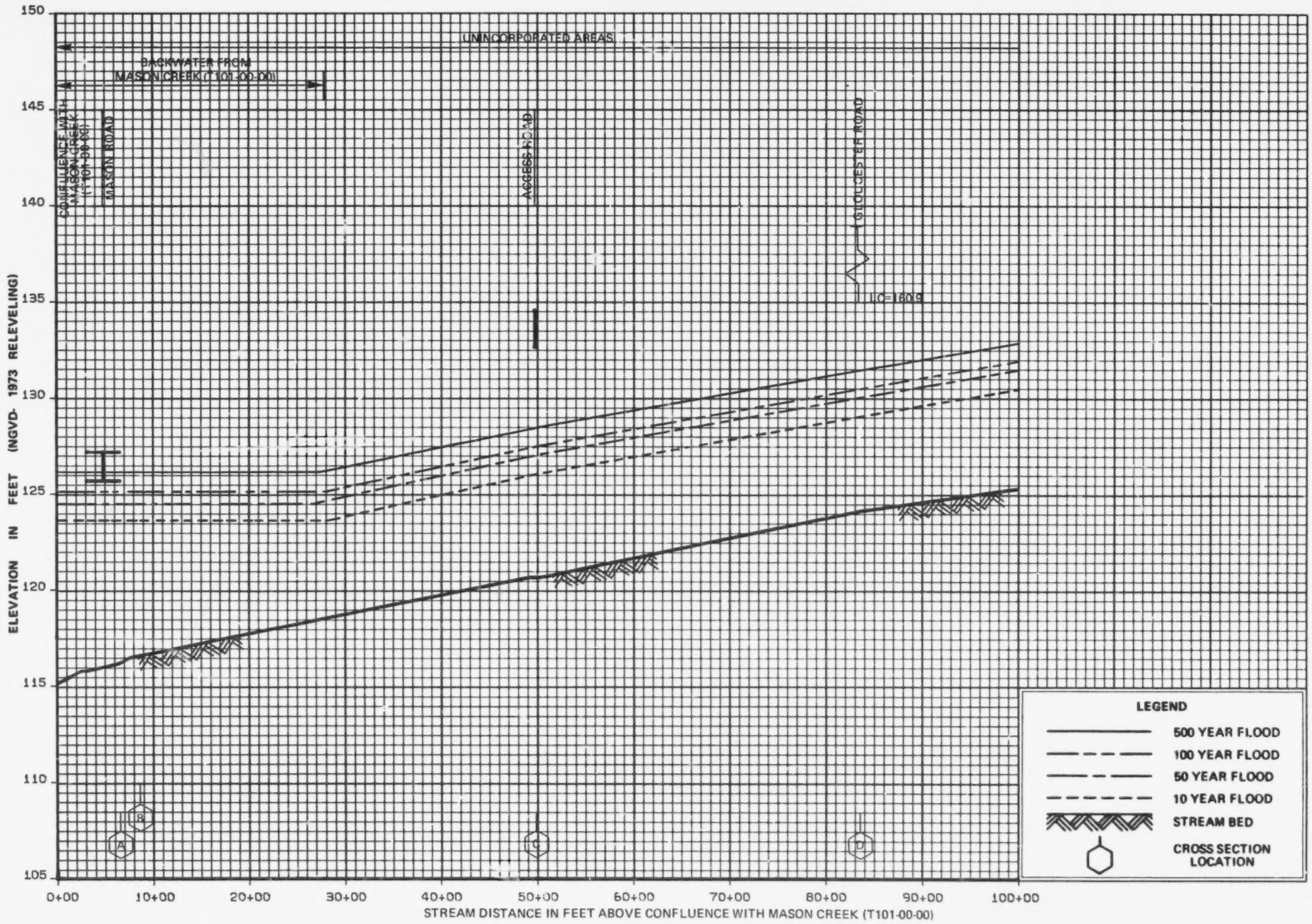
FLOOD PROFILES

MASON CREEK (T101-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

T04P



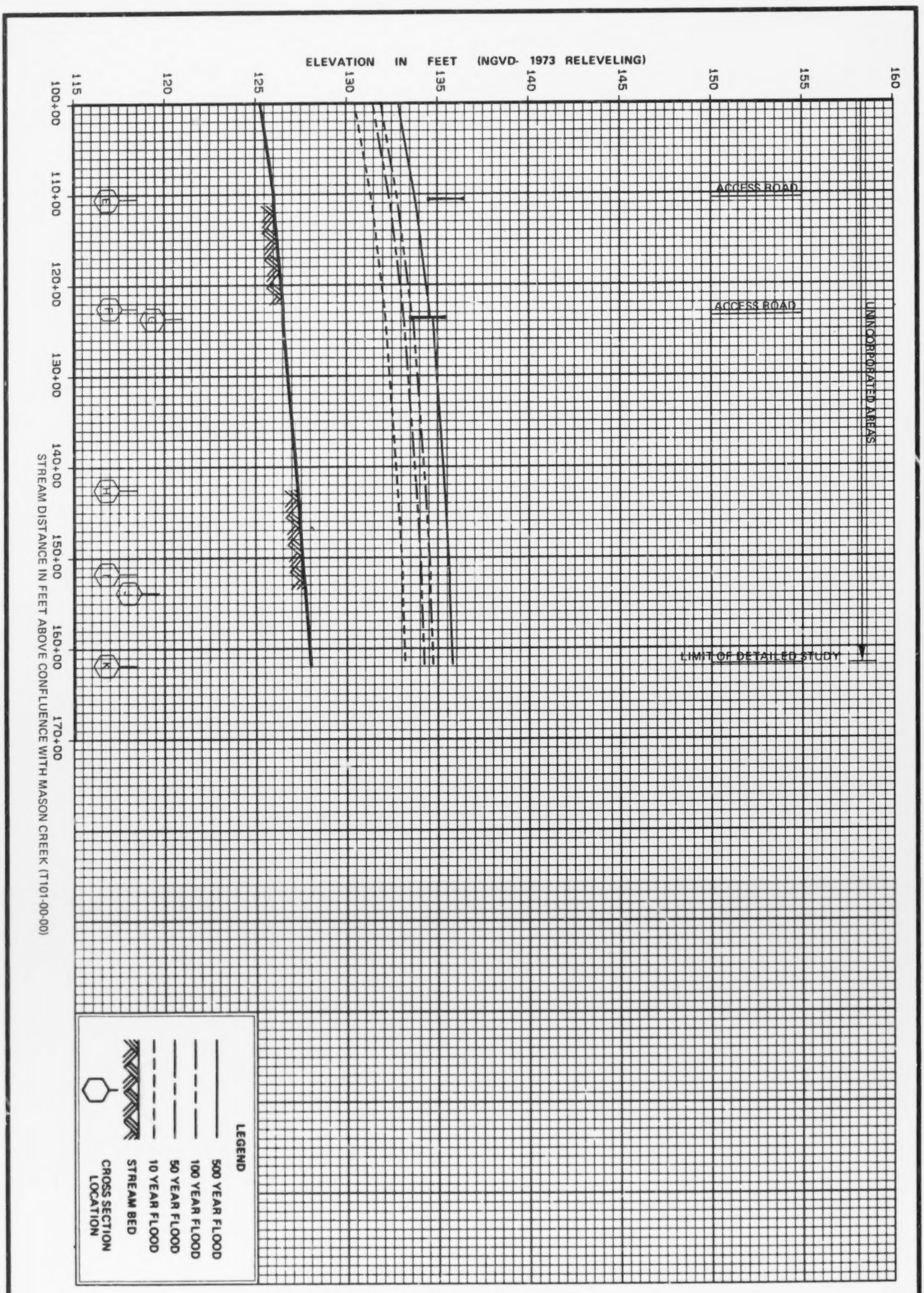
FLOOD PROFILES

TRIBUTARY 4.96 TO MASON CREEK (T101-03-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

T05P



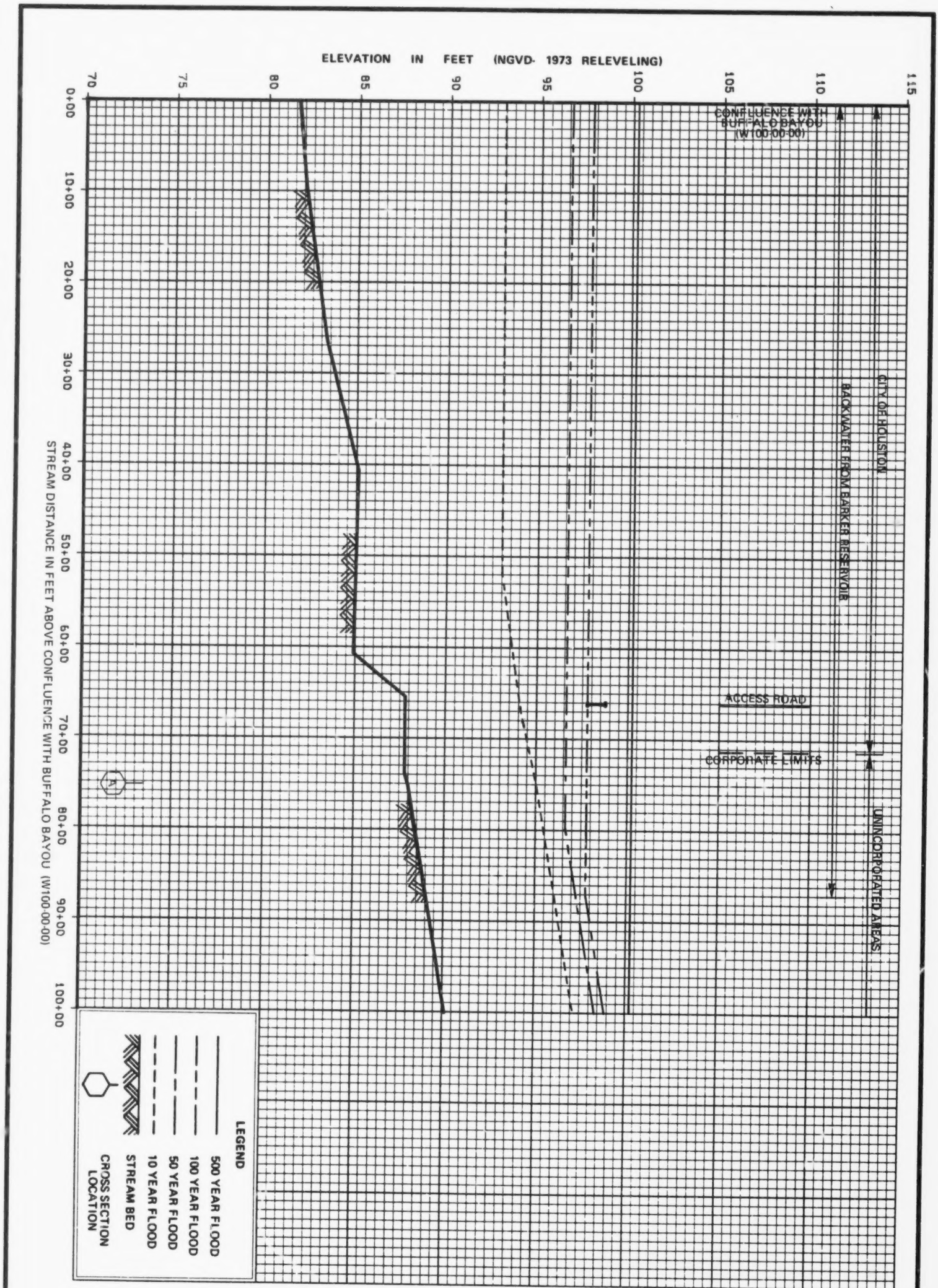
T06P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 4.96 TO MASON CREEK (T101-03-00)



T07P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 52.9 TO BUFFALO BAYOU (T103-00-00)

FLOOD PROFILES

TRIBUTARY 52.9 TO BUFFALO BAYOU (T103-00-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

T08P

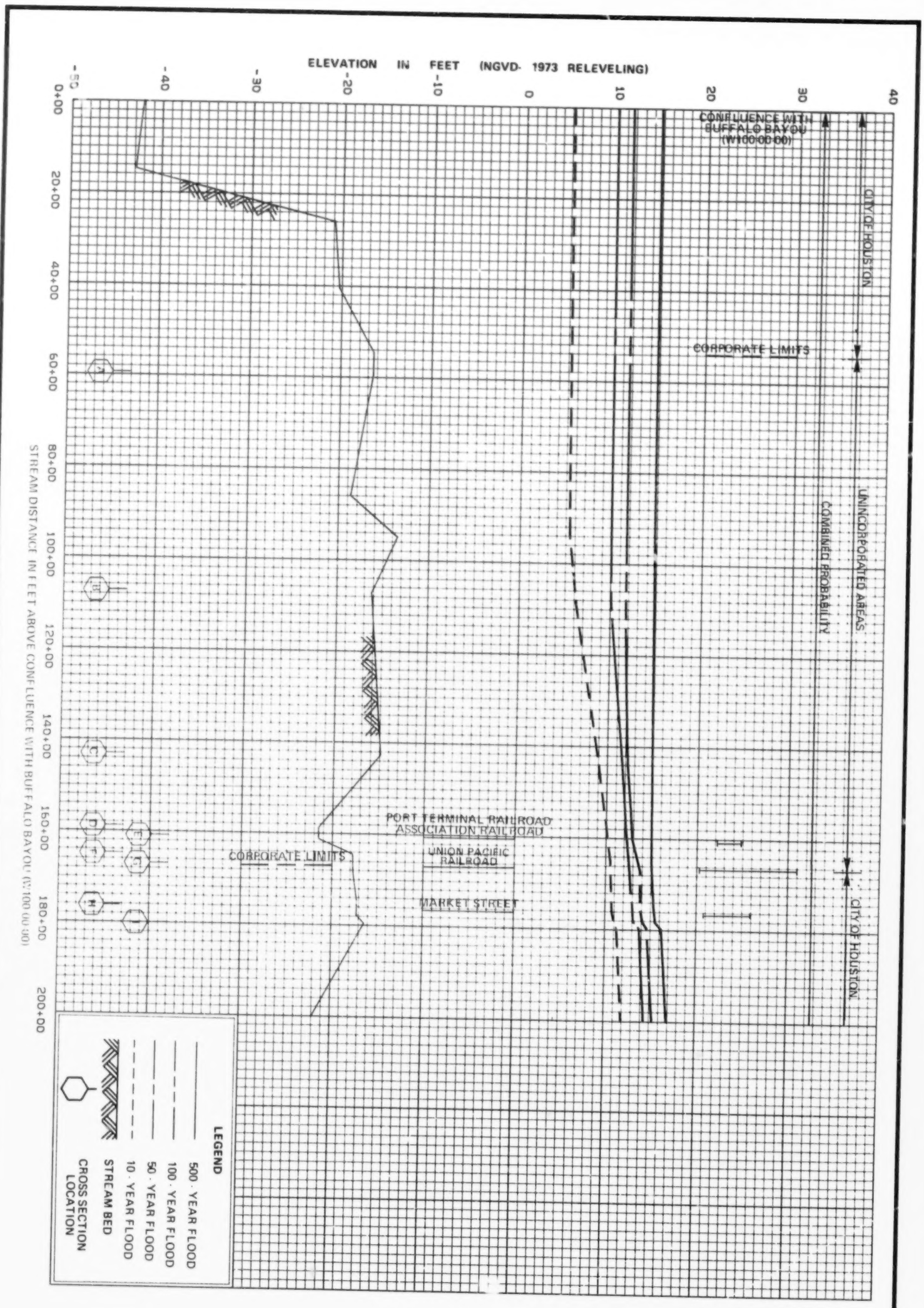
FLOOD PROFILES

TRIBUTARY 2.17 TO TRIBUTARY 52.9
TO BUFFALO BAYOU (T103-01-00)

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

T09P



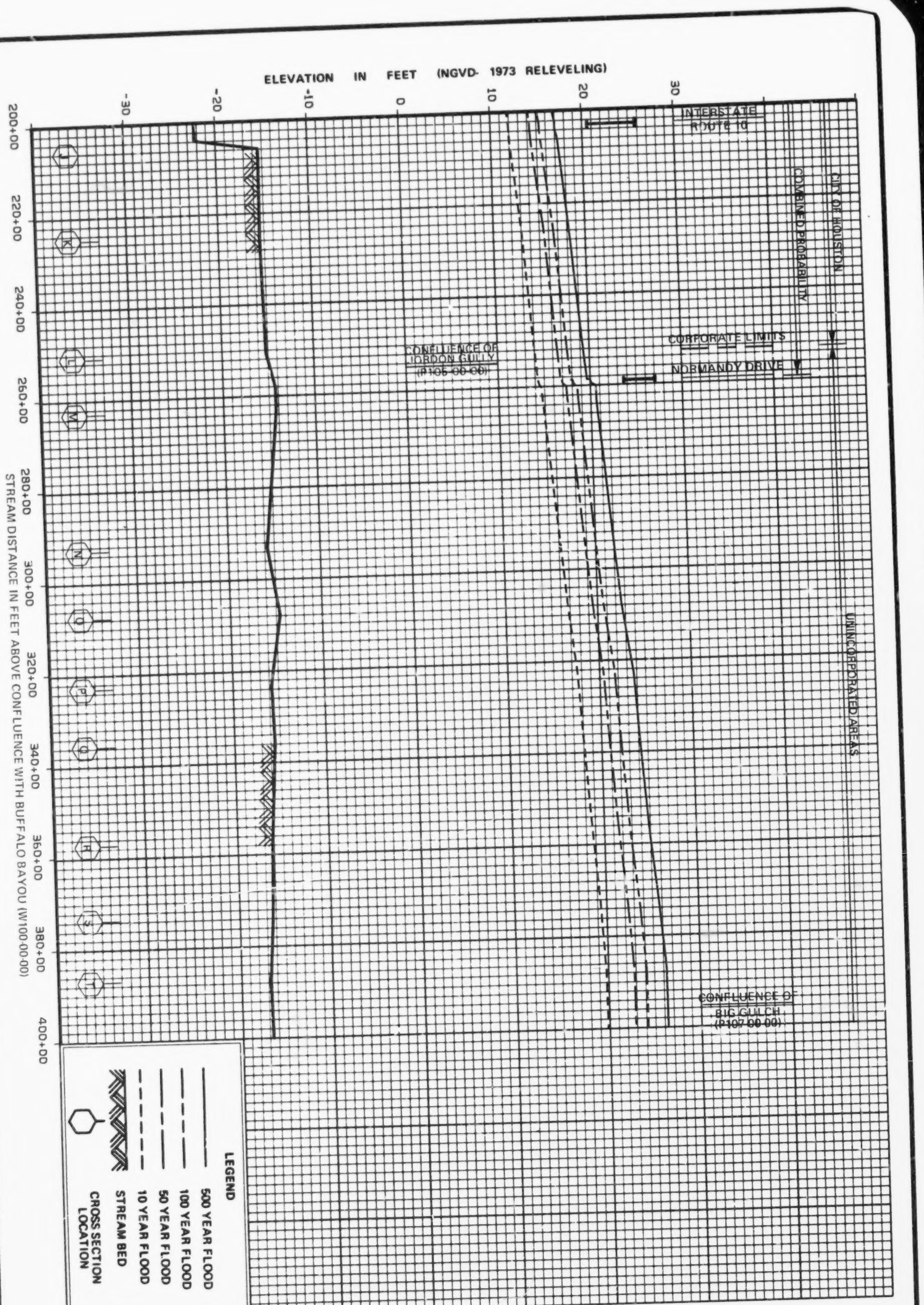
P01P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



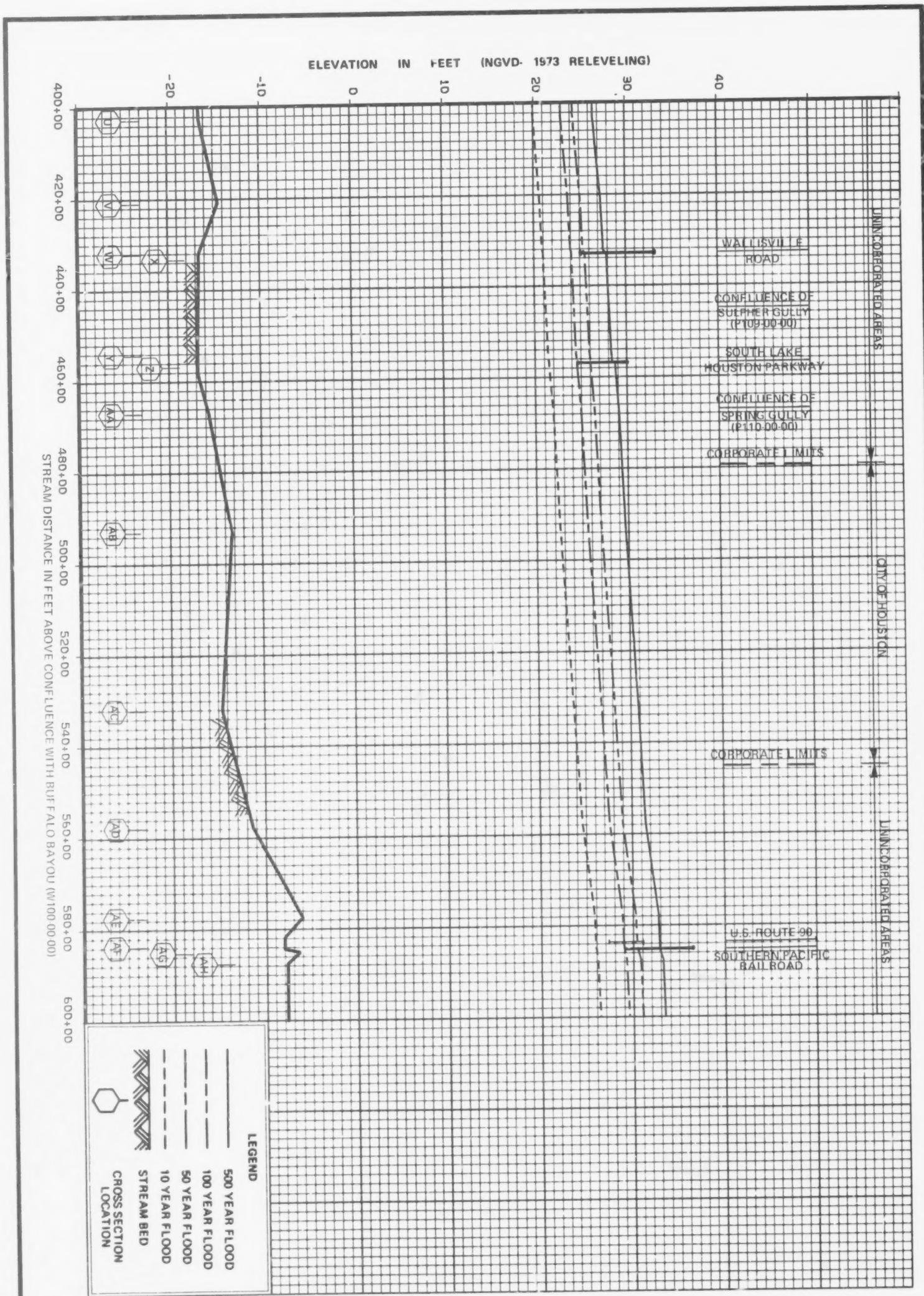
P02P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



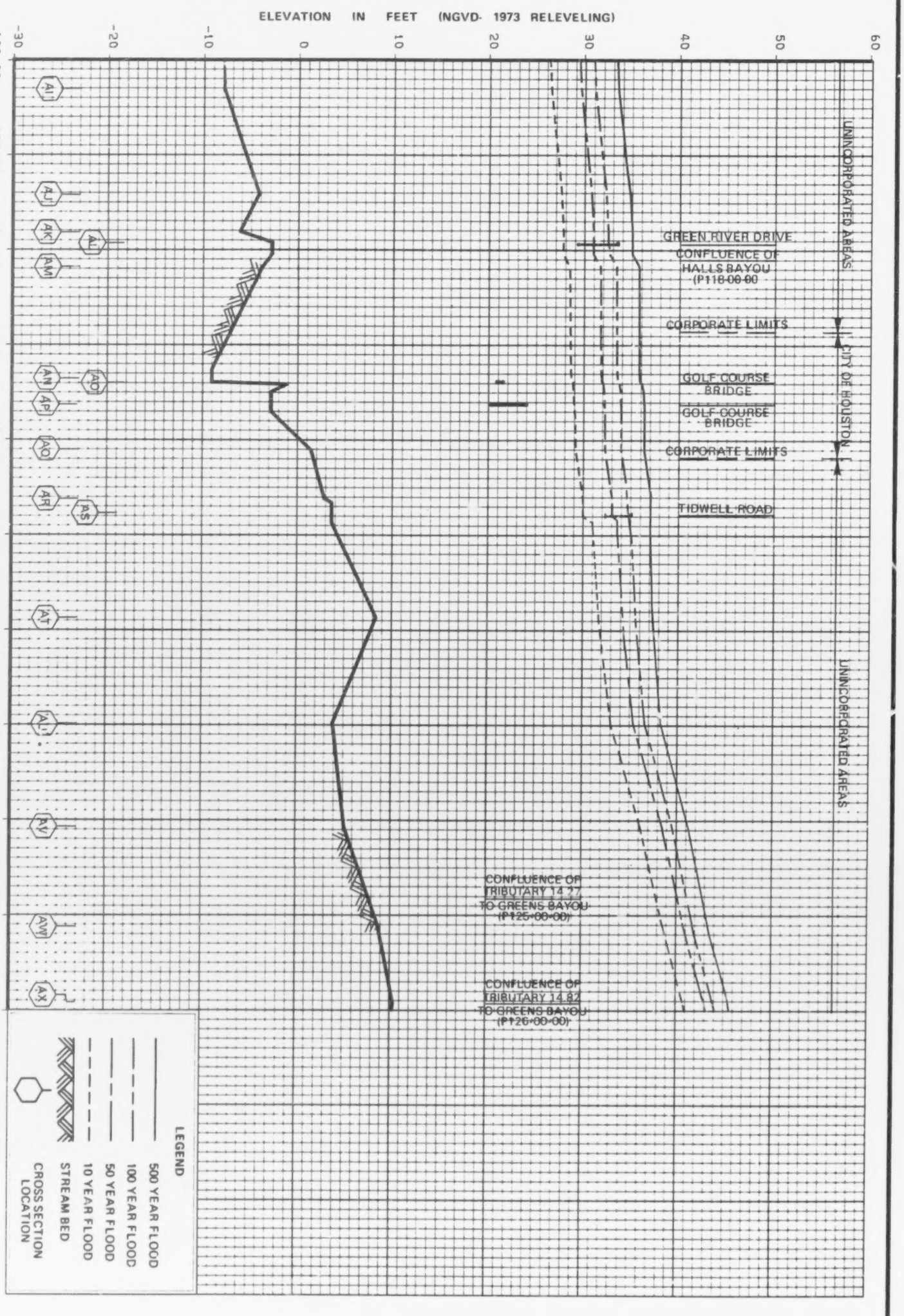
P03P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



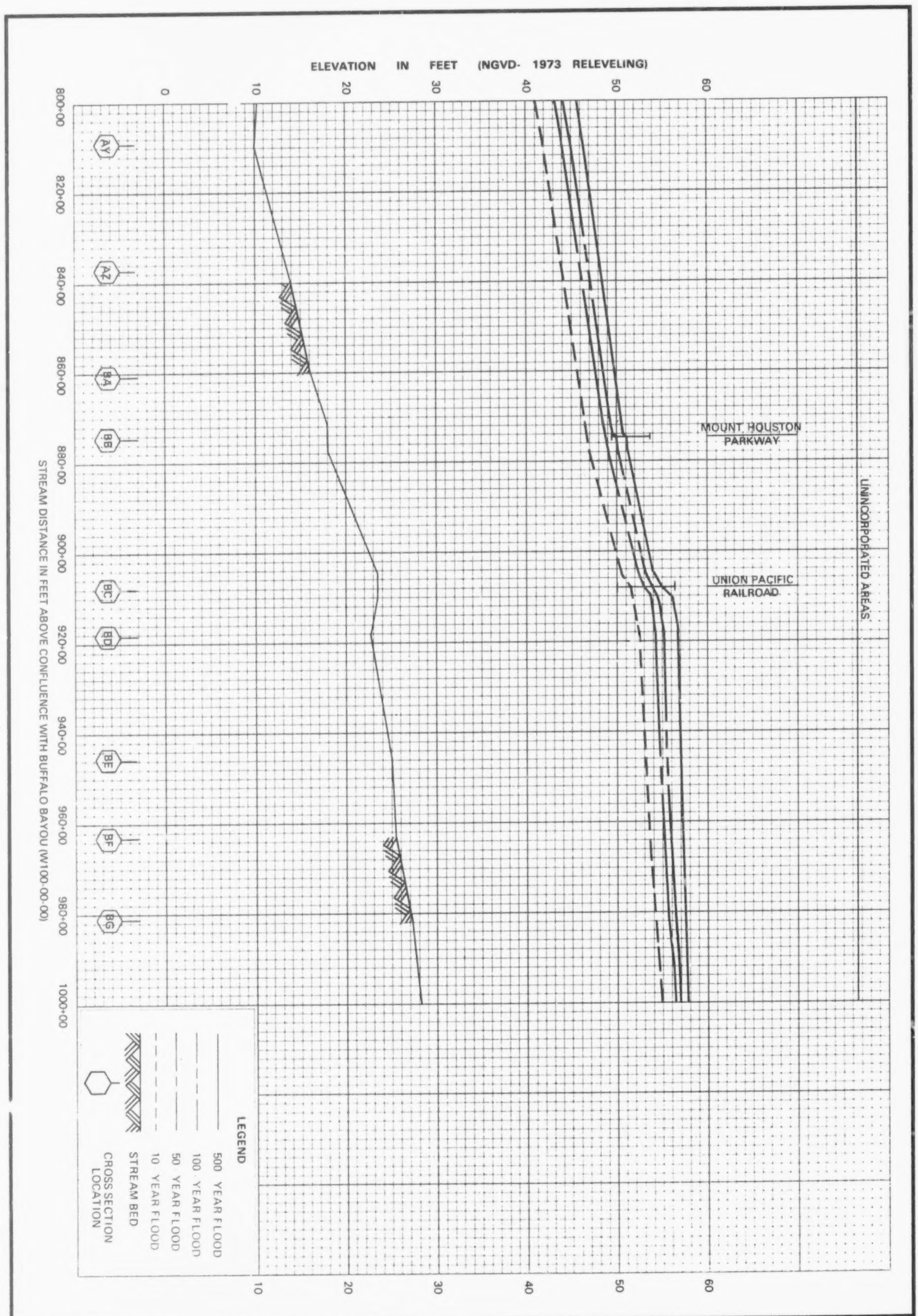
P04P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



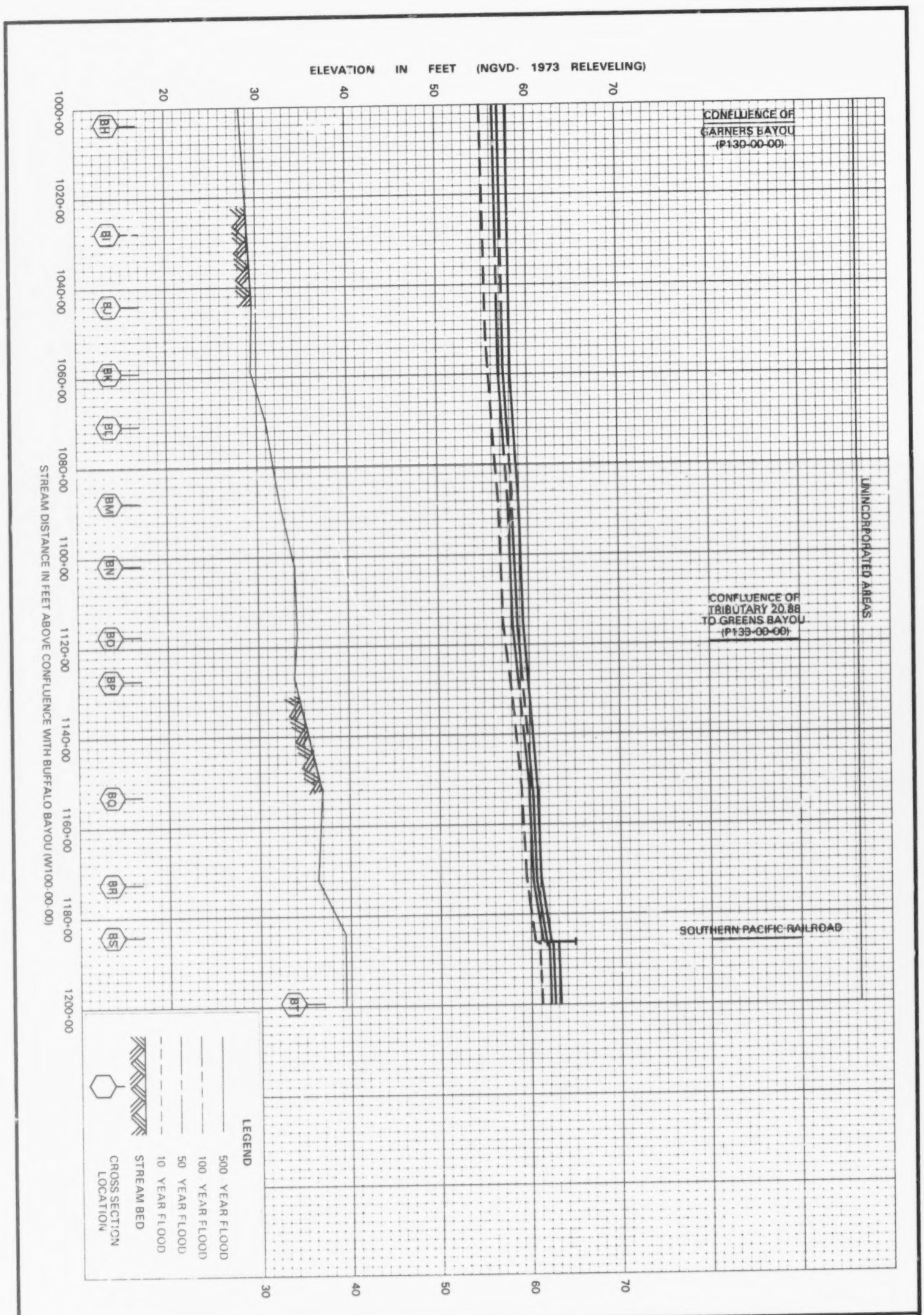
P05P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



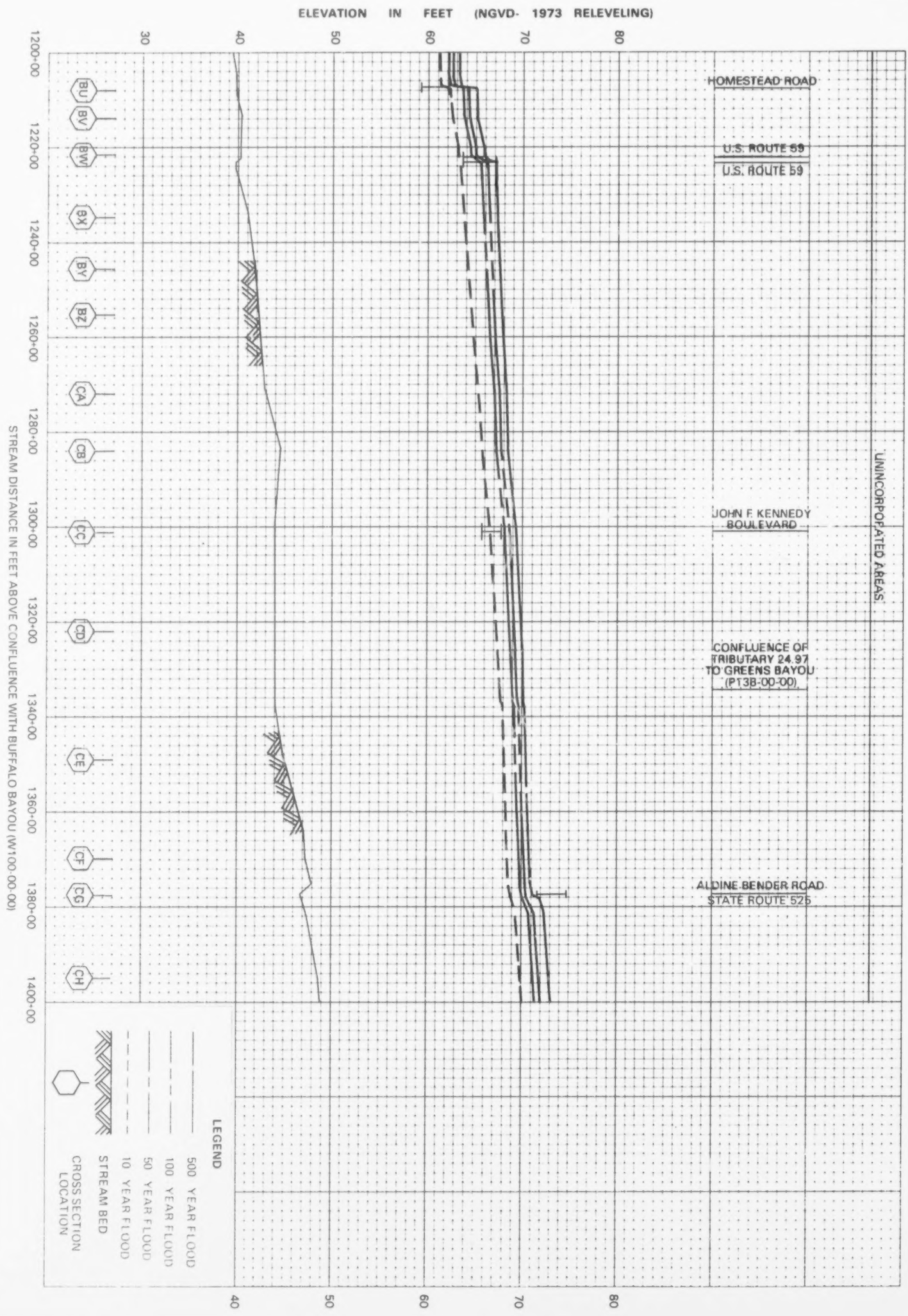
P06P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



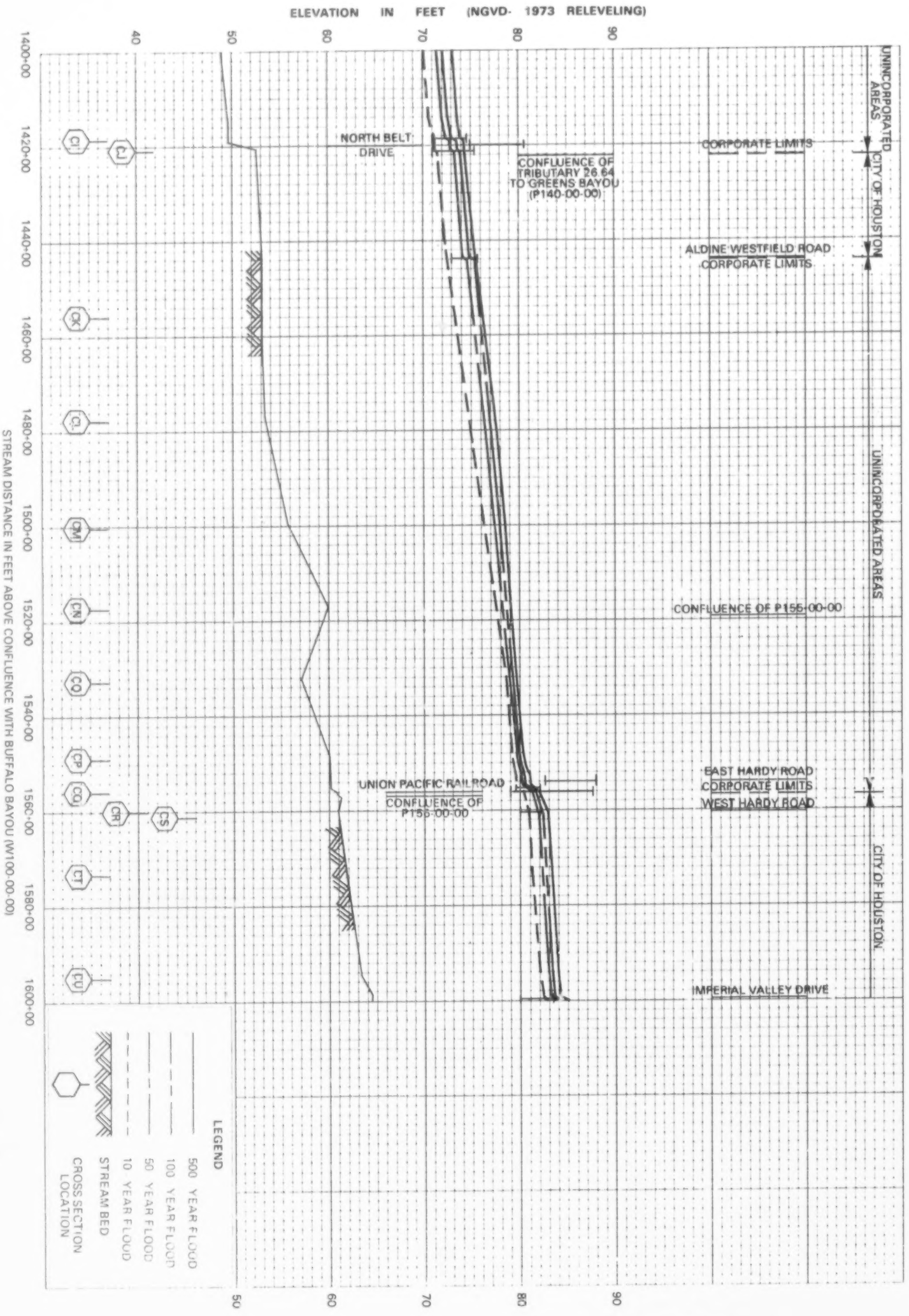
P07P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



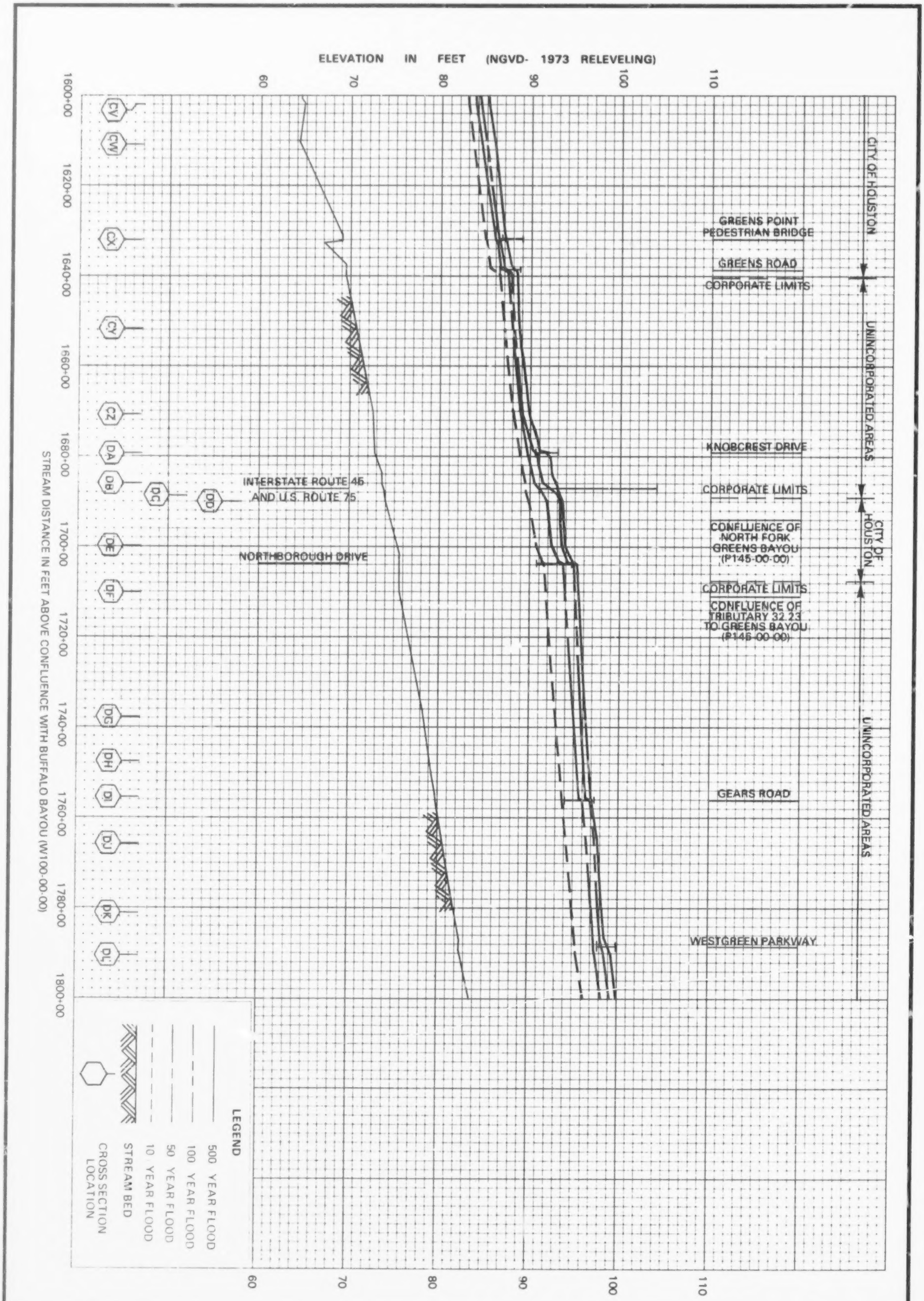
P08P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



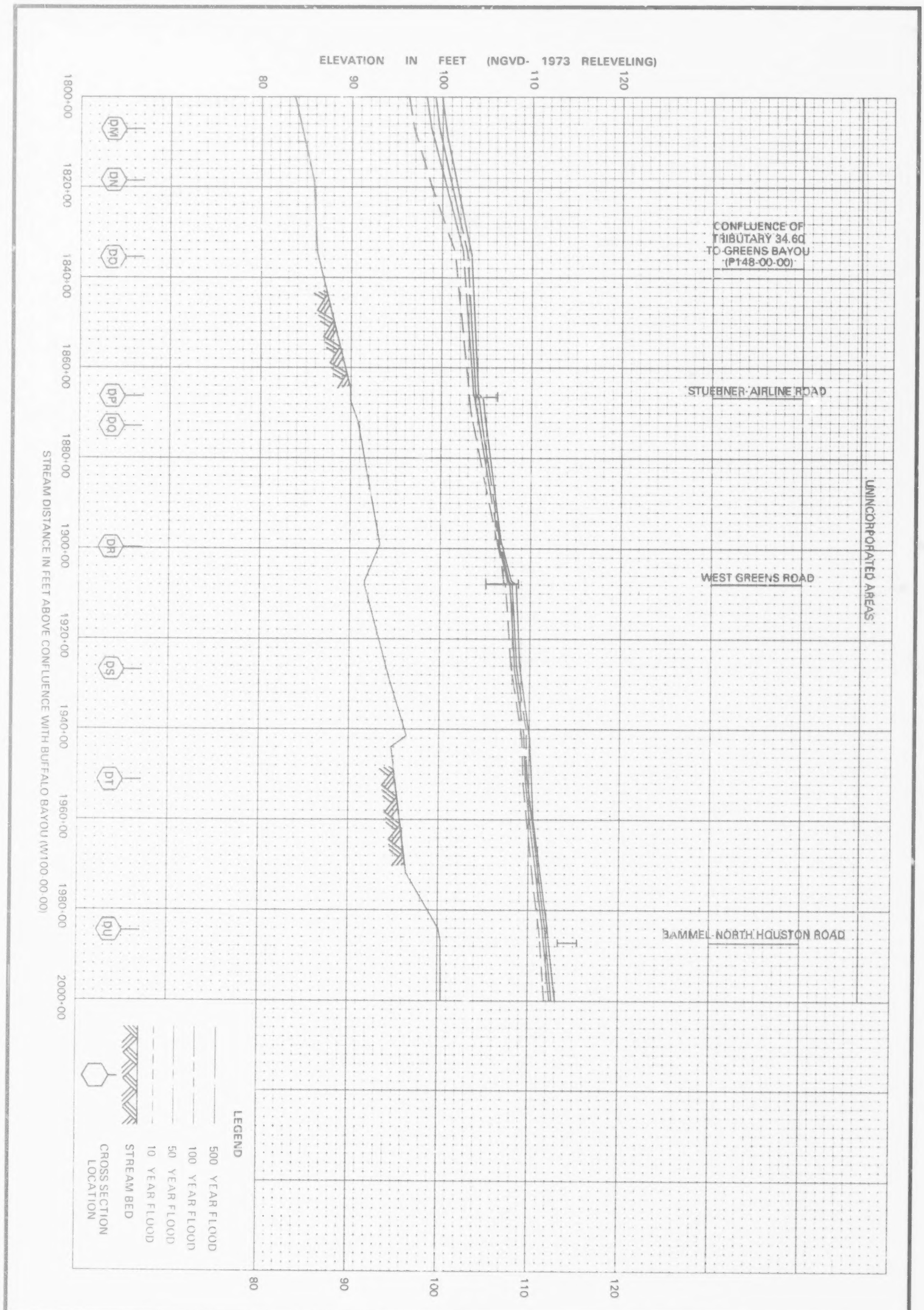
P09P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



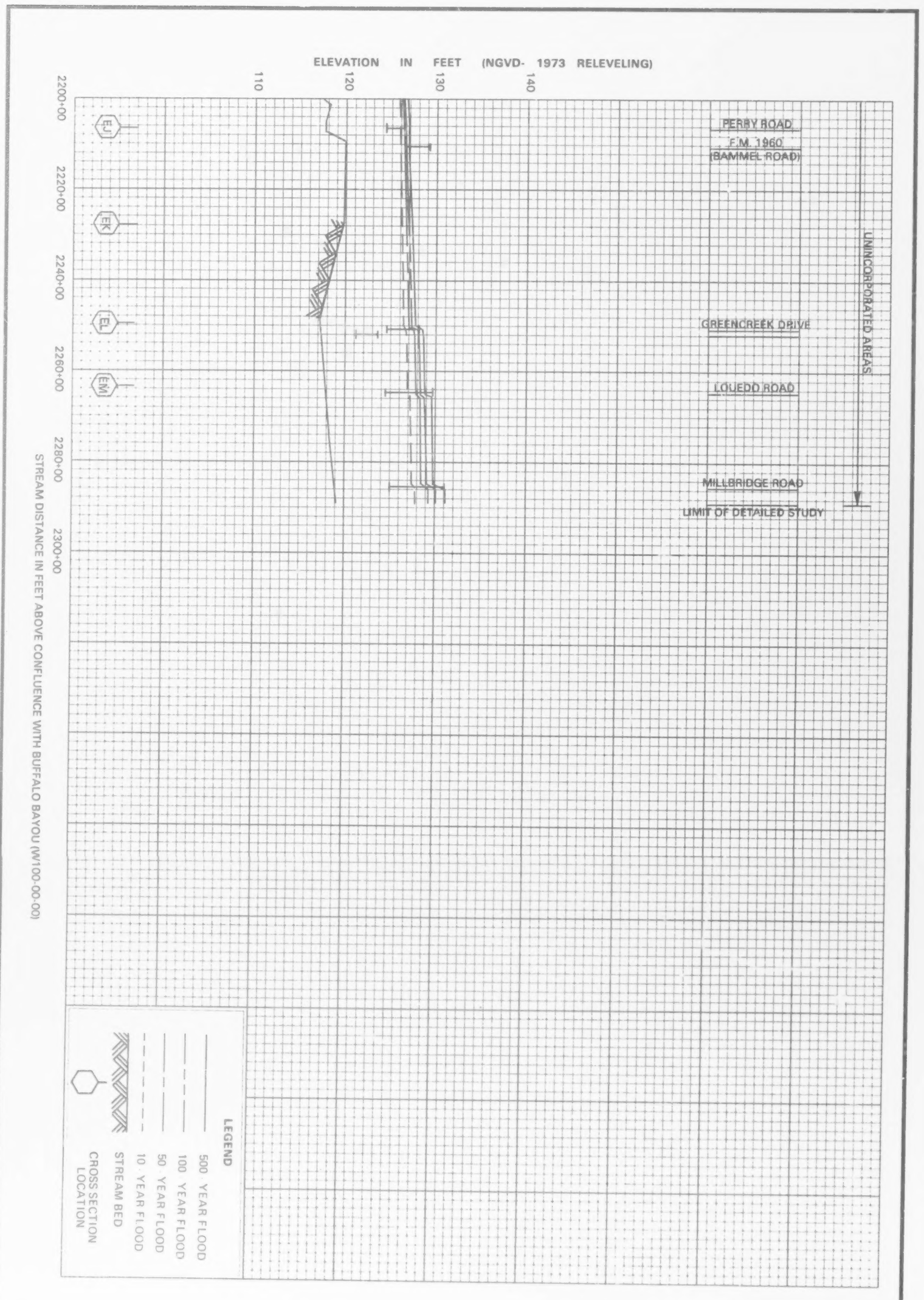
P10P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



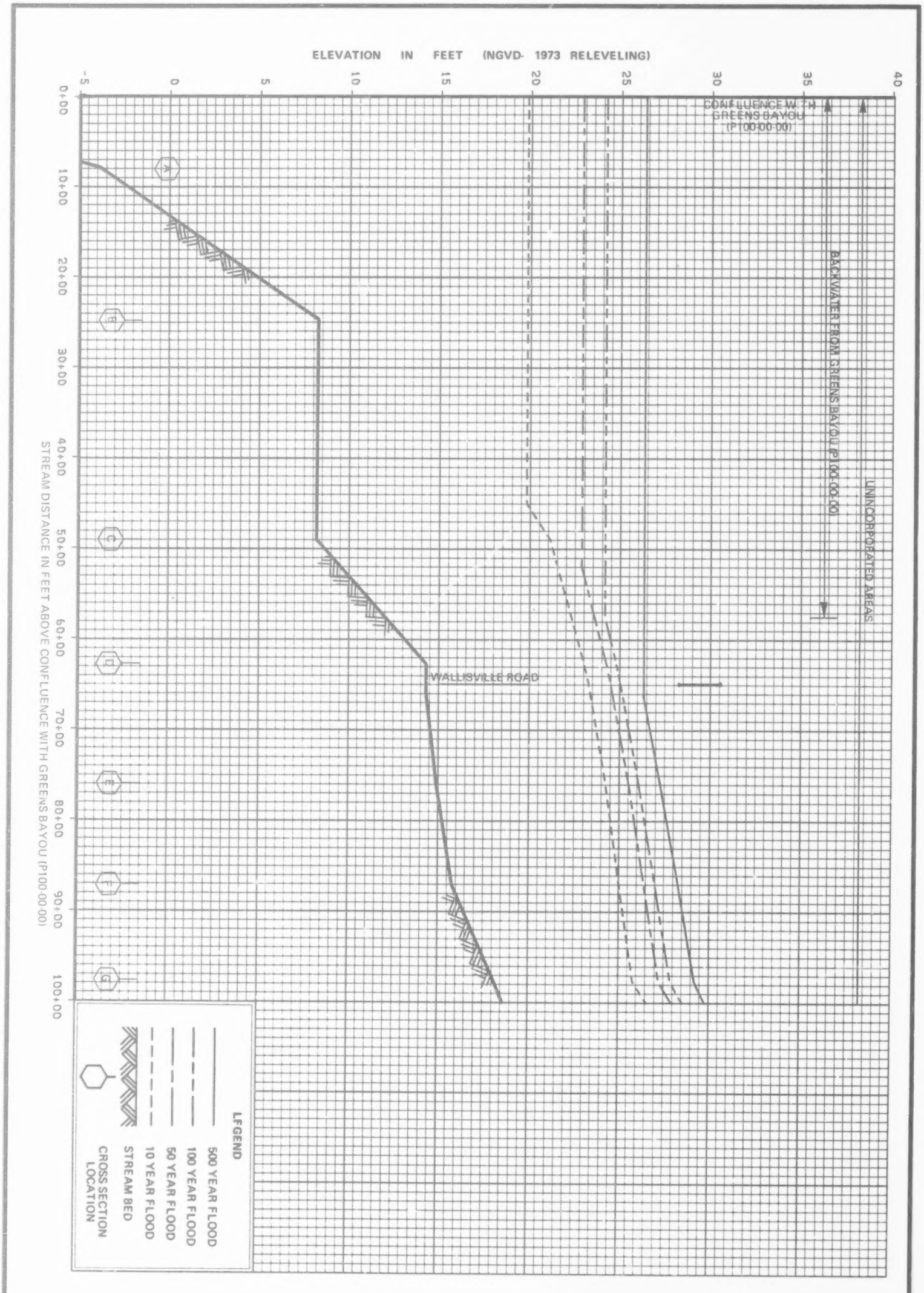
P12P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

GREENS BAYOU (P100-00-00)



P13P	FEDERAL EMERGENCY MANAGEMENT AGENCY HARRIS COUNTY, TX AND INCORPORATED AREAS	FLOOD PROFILES BIG GULCH (P107-00-00)

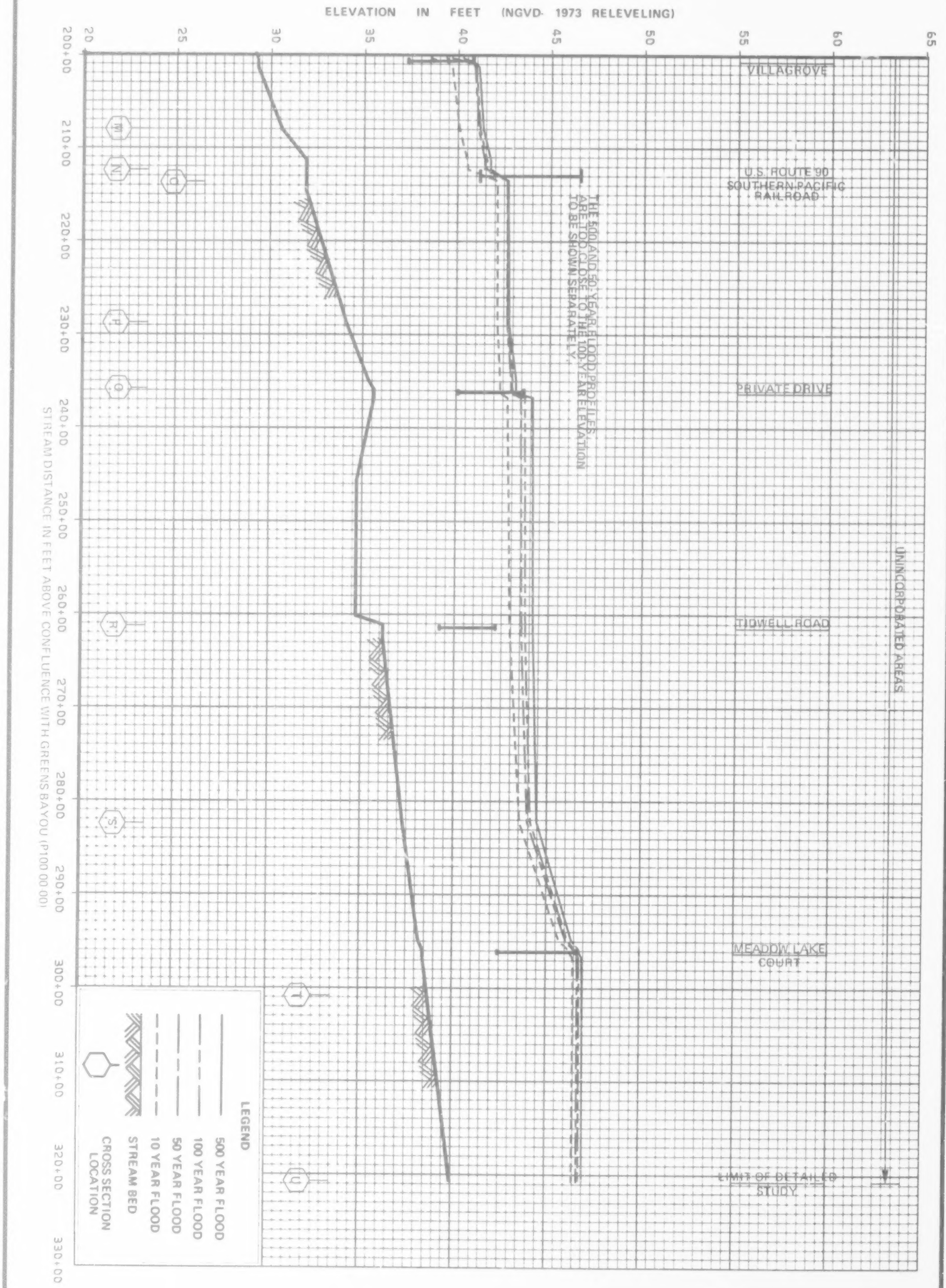
P14P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

BIG GULCH (P107-00-00)



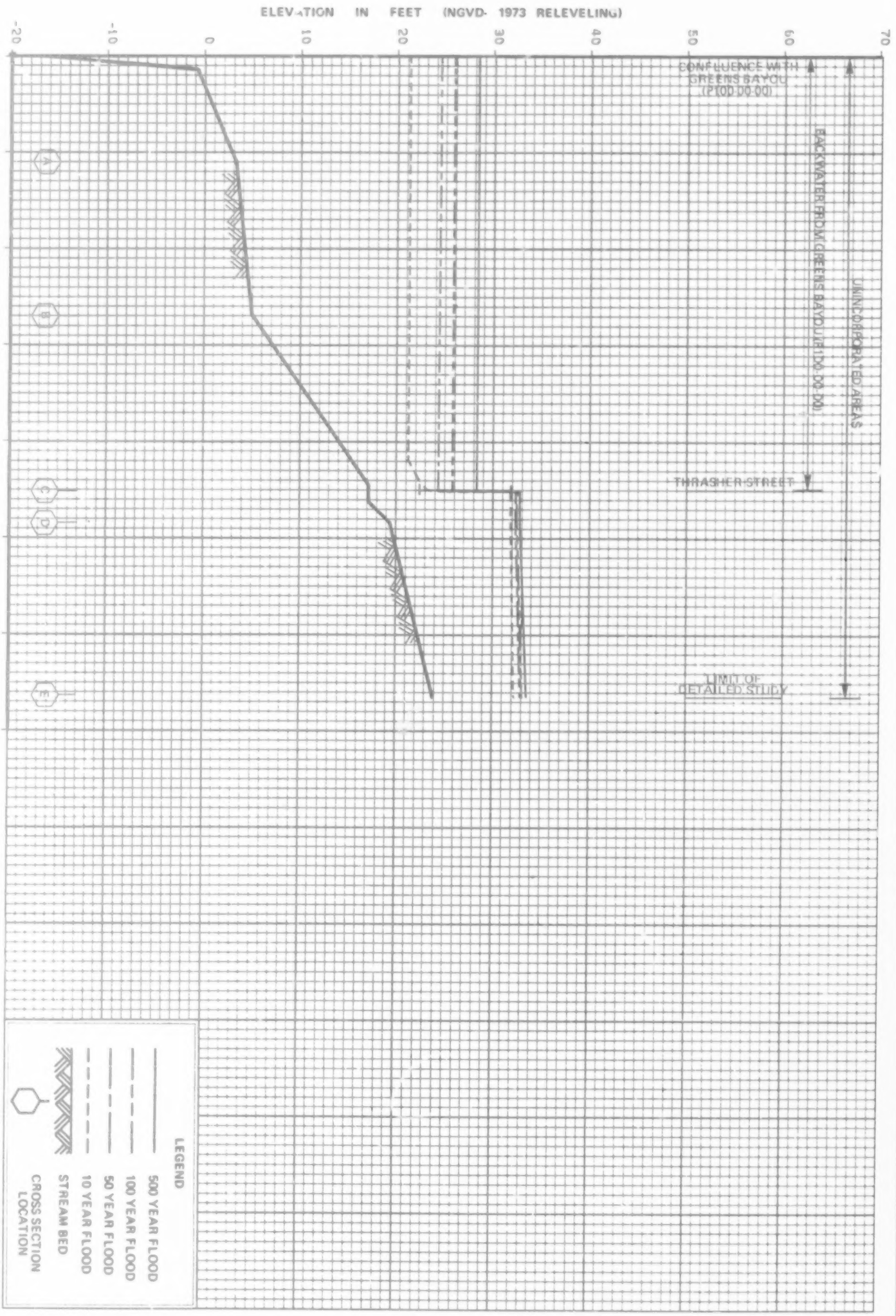
P15P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

BIG GULCH (P107-00-00)



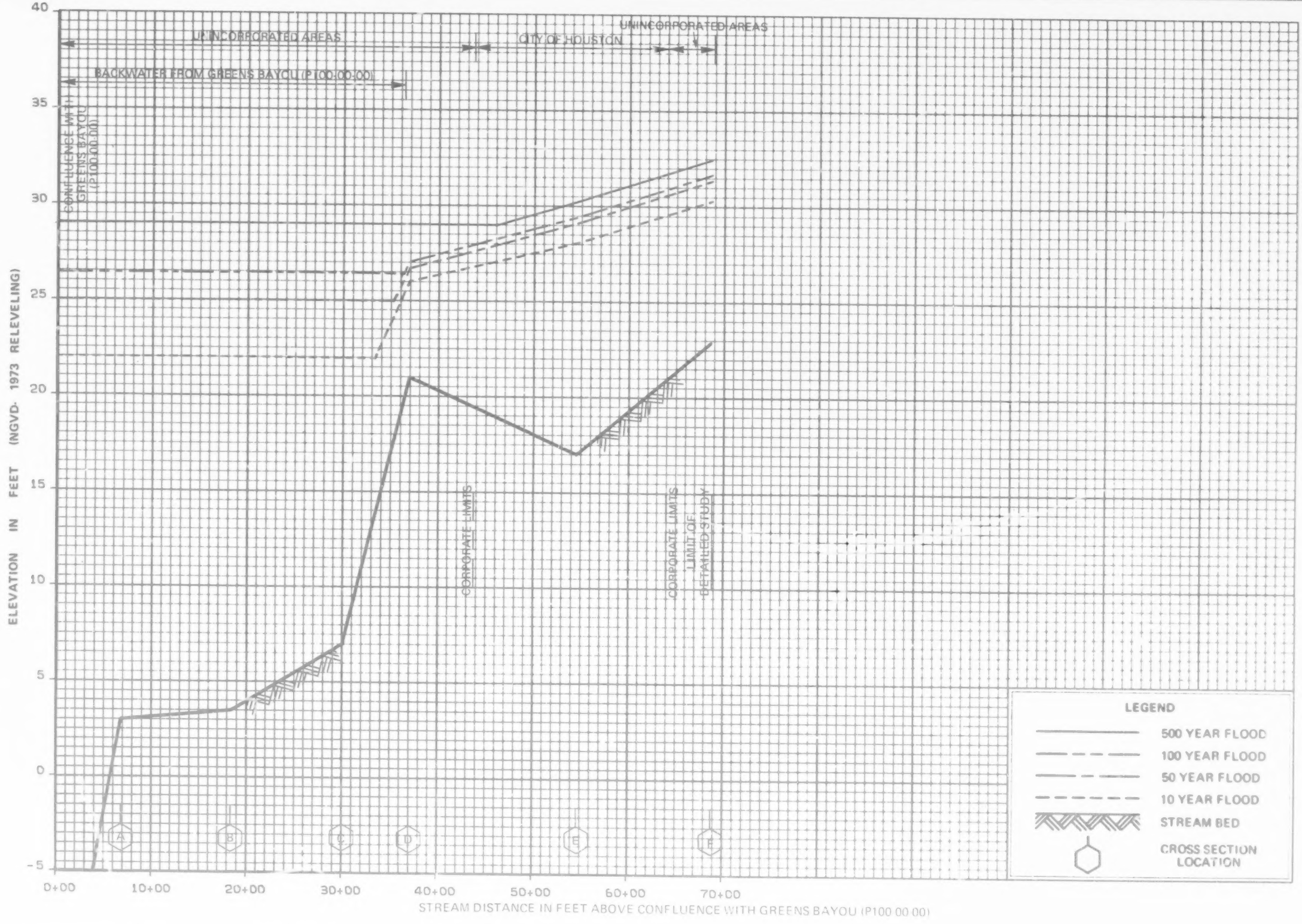
P16P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

SULPHUR GULLY (P109-00-00)

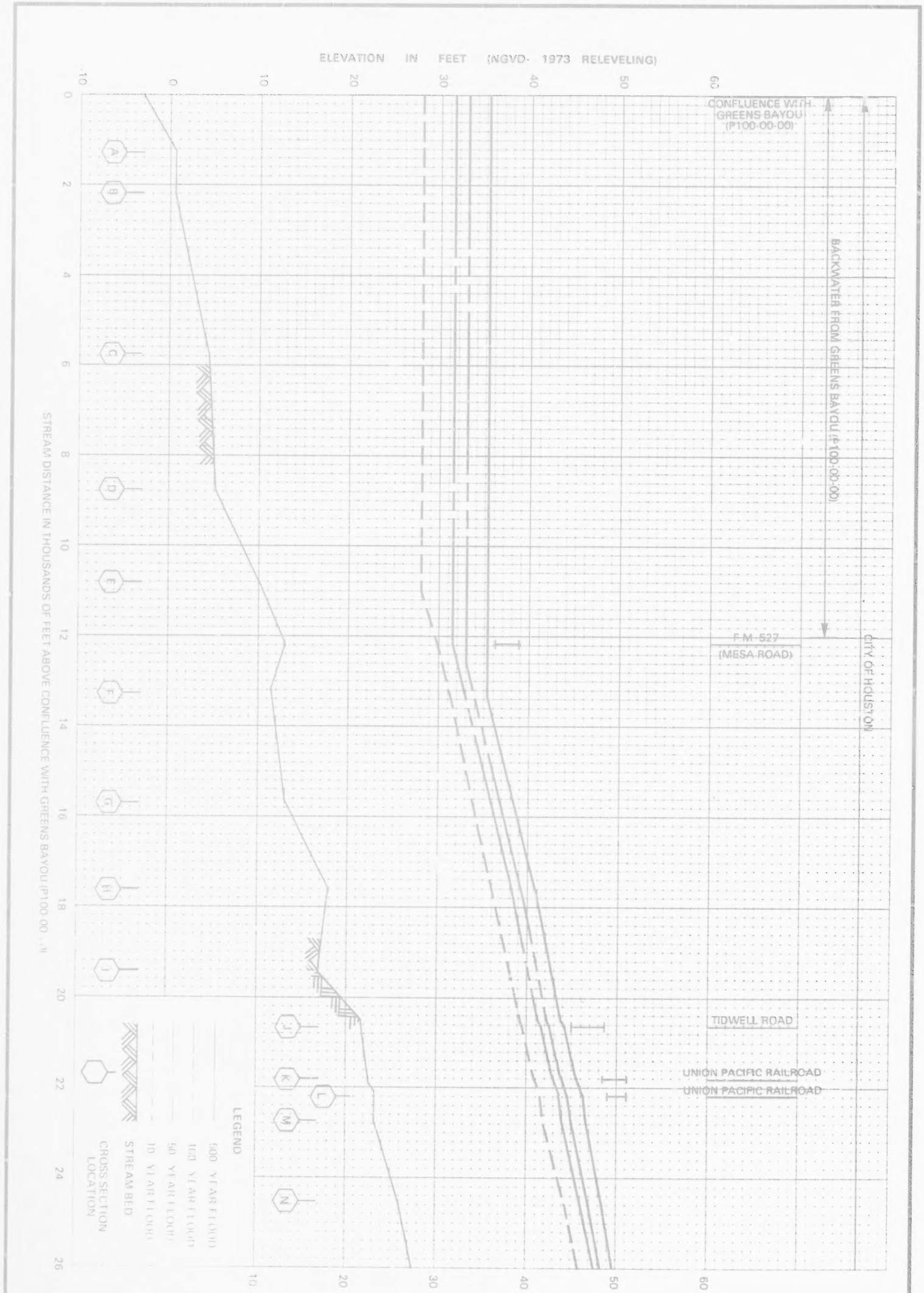


FLOOD PROFILES

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX

P17



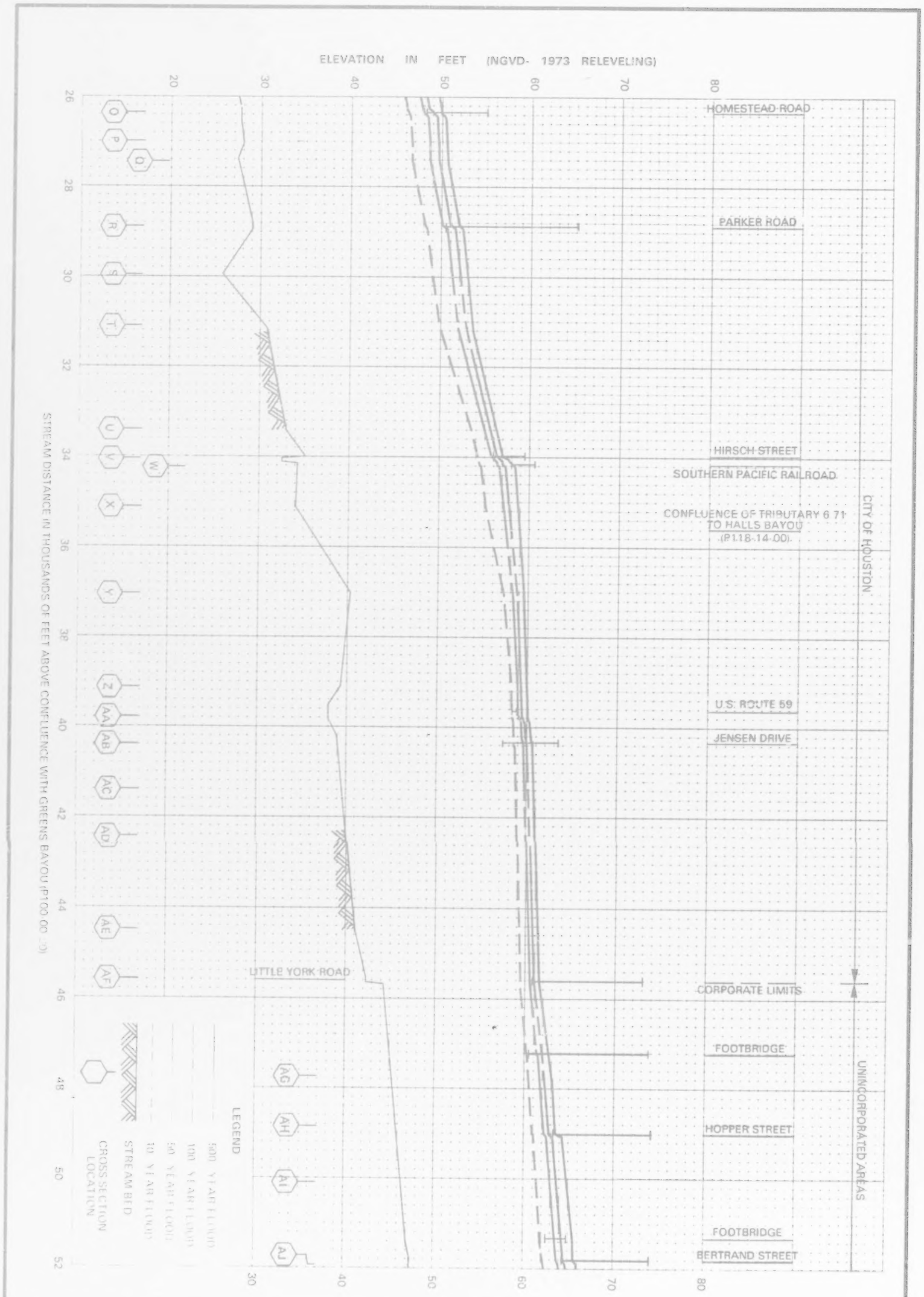
FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

HALLS BAYOU (P118-00-00)

P18P



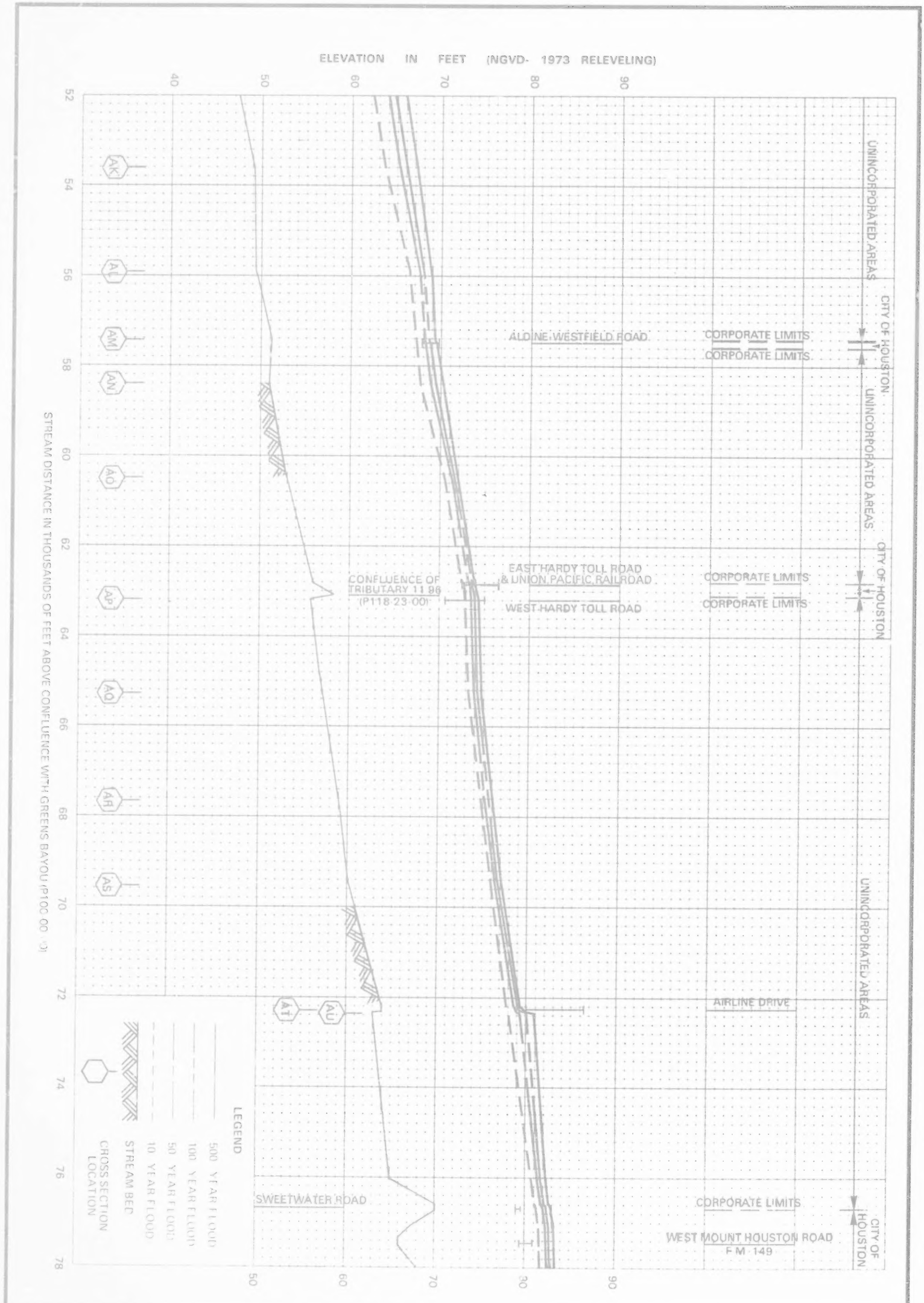
P19P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

HALLS BAYOU (P118-00-00)



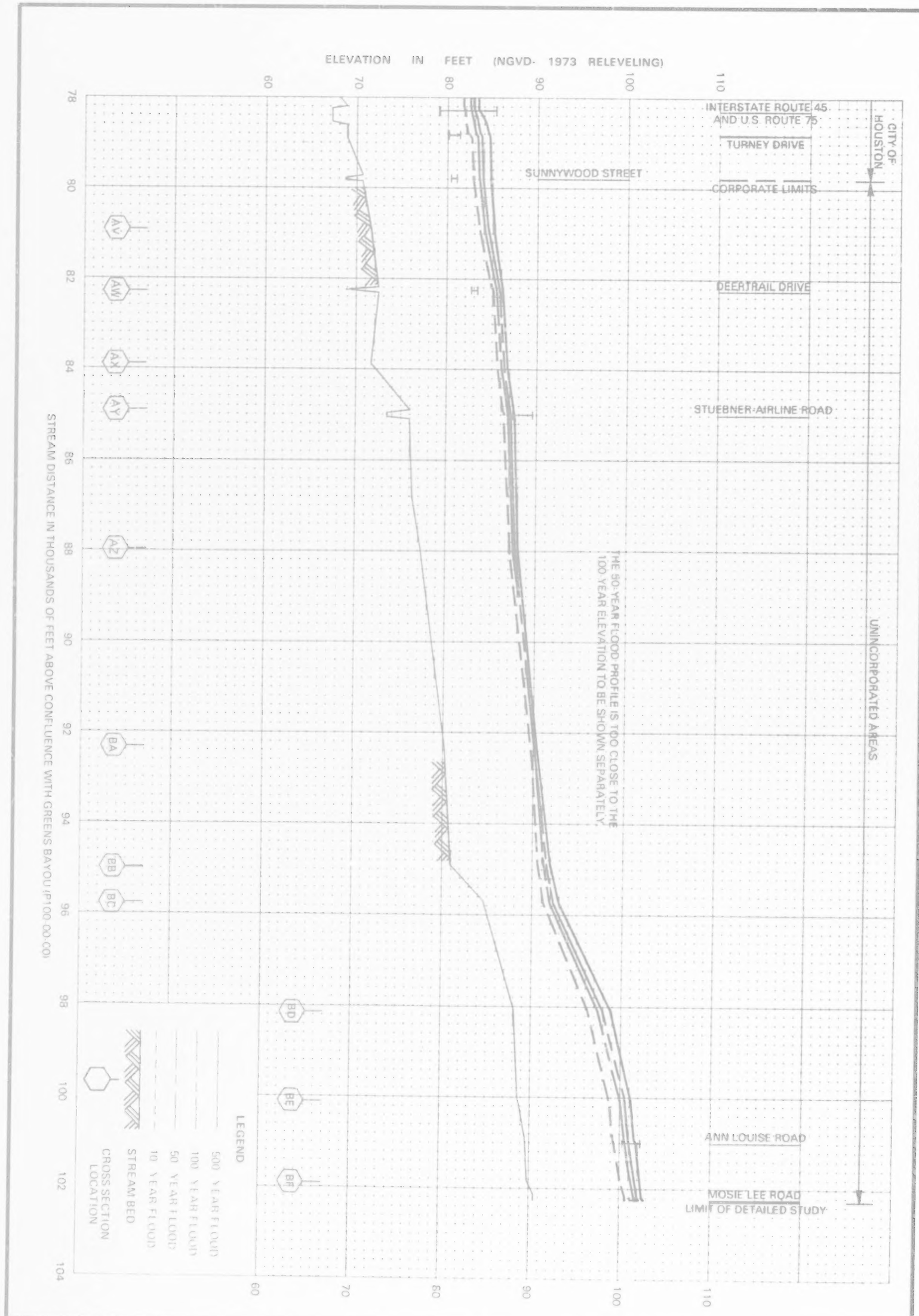
P20P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

HALLS BAYOU (P118-00-00)



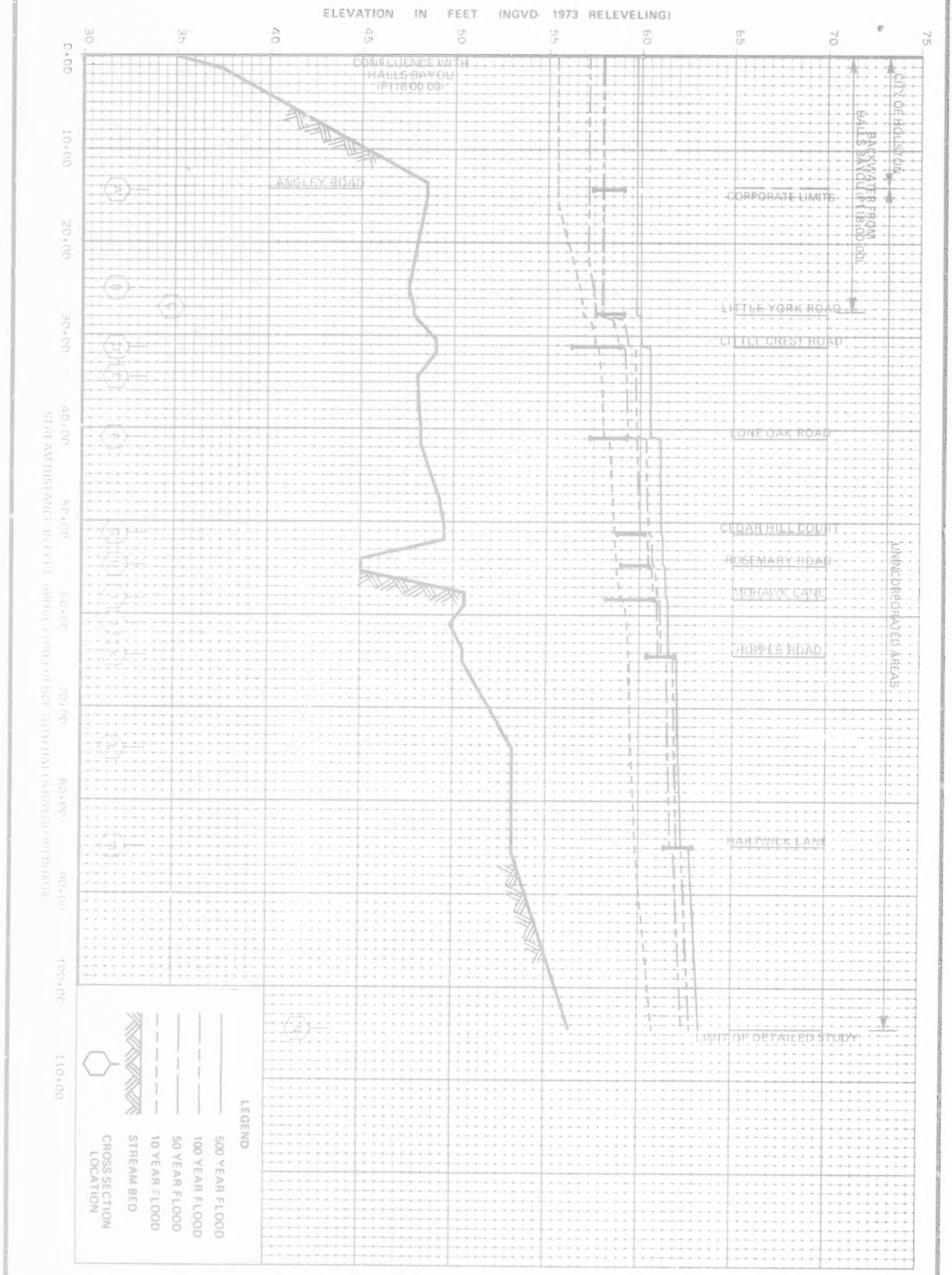
P21P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

HALLS BAYOU (P118-00-00)



P22P

FEDERAL EMERGENCY MANAGEMENT AGENCY

HARRIS COUNTY, TX
AND INCORPORATED AREAS

FLOOD PROFILES

TRIBUTARY 6.71 TO HALLS BAYOU (P118-14-00)